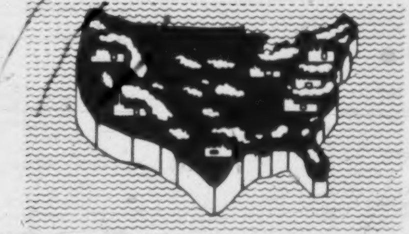
EPA-450/4-81-029
August 1981

1979
NATIONAL EMISSIONS REPORT



NATIONAL EMISSIONS DATA SYSTEM
OF THE
AEROMETRIC AND EMISSIONS
REPORTING SYSTEM

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air, Noise, and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

number of observations, imprecision is a relatively minor factor. For emissions summaries for smaller geographic areas (such as states and AQCRs), which are based on a smaller number of observations, the error potential increases.

Other factors that influence emissions inventory reliability are mistakes and biases in the reported data. Major mistakes input to NEDS are prevented by edit programs used to process input data or by review of NEDS output reports prior to publication of the National Emissions Report. Such data errors have been corrected for this report. It is likely that there are a number of other, relatively minor mistakes that remain that should have an insignificant impact on the reliability of reported emissions. Biases in the NEDS data are introduced as a result of inaccuracies, or deficiencies, in the techniques used to compile the data. In comparison with mistakes, biases usually represent a more subtle type of error because it is rarely apparent with biases that the resulting emissions estimates deviate from what the "true" values should be (as is often the case with many mistakes). As an example, the emissions from a source may be measured by a sampling technique that yields biased results. Another example is the use of a biased (i.e., nonrepresentative) emission factor to estimate the emissions from a number of sources.

For NEDS, biases are introduced principally through inaccuracies in the procedures used to compile NEDS area-source data and lack of complete and timely reporting of point-source data by state agencies. In addition the regulation prescribing reporting of point-source data (40CFR 51.321) includes an inherent bias since it requires reporting only from facilities identified as emitting over 100 tons per year. Emissions from fuel combustion not accounted for by reporting of point sources are generally included, instead, as area-source fuel use, but with less precision than if all fuel use were accounted for by individual point sources. Emissions from industrial process sources not reported as point sources are not accounted for, however. Thus, NEDS data may be biased low for industrial process emissions in cases where state agencies fail to report all major industrial process sources adequately as point sources or where emissions from facilities individually emitting less than 100 tons per year are collectively significant.

As a possible means of checking the reliability of NEDS emissions data, Table 1 shows EPA-calculated national emissions estimates for each of the five criteria pollutants according to the same major source categories as defined in the NEDS emissions summaries. These data are obtained from the data prepared for the report *National Air Pollutant Emission Estimates, 1970-1979* (EPA-450/4-81-010). The methodology used to derive these data relies upon essentially the same sources of information for emission factors and area-source calculation algorithms as used with NEDS. Differences between NEDS area-source data and totals reported in Table 1 are due primarily to the differences in the precision of the methods of calculation used. For NEDS, national emissions totals are obtained by summarizing individual county totals. National Trends Report emissions totals are obtained from one calculation performed at the national level by use of total national activity levels and national average emission factors for each source category. For source categories reported in NEDS as point sources, national emissions totals reported below are also based on one calculation, performed at the national level; in this calculation, use is made of available data on national industrial production and fuel consumption, other appropriate data, and national average emission factors. Where necessary, average level of pollution control is considered to estimate actual emissions. The methodology for EPA calculation of national emissions estimates is inherently less precise than that used to produce NEDS summaries and does not allow inclusion of emissions measured by calculation procedures for individual sources that may give more accurate emissions estimates than a standard emission factor calculation. The national calculation does not suffer from biases and omissions of sources to the same extent as NEDS point-source data, however. As a result, the national emissions totals presented in Table 1 are judged to be the most reliable estimates of national emissions available at this writing. EPA national emissions estimates are periodically revised as better emission inventory techniques and emission factors are developed. Updated national emissions estimates for 1979 will be presented in future editions of *National Air Pollutant Emission Estimates*.

Comparison of the national NEDS emissions totals with EPA-calculated national emissions estimates indicates reasonable agreement for most source categories. Notable discrepancies do exist in some cases, however. Some of these can be clearly traced to specific deficiencies in the NEDS data. Others involve more complex problems concerning differences in techniques used to produce the data. It is difficult to resolve these problems without an exhaustive review of NEDS data.

EPA-450/4-81-029

1979
NATIONAL EMISSIONS REPORT

NATIONAL EMISSIONS DATA SYSTEM OF THE AEROMETRIC AND EMISSIONS REPORTING SYSTEM

National Air Data Branch
Monitoring and Data Analysis Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air, Noise, and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

August 1981

For stationary fuel combustion sources, the most significant discrepancies are for particulate and SO_2 emissions. Particulate emissions in NEDS are higher than in Table 1 for industrial sources, and slightly lower for commercial-institutional sources. For SO_2, NEDS electric utility and industrial emissions are higher than in Table 1, while commercial-institutional SO_2 emissions are lower than in Table 1. Calculation of particulate and SO_2 emissions involve the use of many variables including fuel amounts, fuel sulfur and ash contents, degree of control employed, and either emission factors or State-supplied emission estimates. Fuel amounts in NEDS agree closely with the fuel amounts used to calculate EPA national emission estimates. Differences in emissions are most likely caused by a combination of factors involving the fuel sulfur and ash content, degree of control, and State emission estimates (based on stack emissions measurements, material balances, or engineering judgment) rather than emission factors to estimate emissions.

Industrial process emissions of particulates and hydrocarbons are lower in NEDS than in Table 1. Particulate emissions are lower because some industrial process sources are missing from or improperly reported in the NEDS point source file. Emissions may not be reported because (1) plants emitting less than 100 tons/year of particulates do not have to be included in the NEDS point source file or (2) engineers in State agencies who report the data do not have sufficient technical resources to estimate emissions for all sources. In the latter case, sources may be omitted entirely or incorrectly coded so that emissions cannot be properly reported in NEDS. This is particularly a problem for fugitive emissions from industrial processes. Table 1 includes rough estimates of fugitive particulate emissions from industrial processes. Due to the lack of engineering data on this subject, industrial process fugitive particulate emissions are only minimally reported in the NEDS point source file. Hydrocarbon emission estimates are lower because some petroleum storage facilities are missing from the NEDS point source file. In addition, the portion of industrial organic solvent use accounted for by point sources is relatively small. Table 1 includes all industrial organic solvent use under industrial processes and nonindustrial organic solvent use under miscellaneous solvent evaporation loss. In NEDS, missing industrial solvent use is accounted for as area source solvent use instead. As a result, the NEDS emissions shown for miscellaneous area source solvent evaporation loss are higher than in Table 1, but the total point and area source emissions from organic solvent use are approximately the same.

NEDS calculated emissions of hydrocarbons and CO from highway motor vehicles are slightly higher than in Table 1. This results from the use of county-specific emission factors in NEDS which consider whether the county is in a low altitude area, a high altitude area, or in California where motor vehicle emission standards different from the national standards apply. For calculation of EPA national emission estimates given in Table 1 low altitude average emission factors were used. Emission rates per vehicle-mile for hydrocarbons and CO are higher in high altitude areas than in low altitude areas. Since the NEDS calculation procedure considers these factors, the NEDS emission estimates are probably more accurate than the EPA-calculated national emission estimates for highway vehicles.

Fugitive Dust Sources

The 1979 NEDS National Emissions Report includes estimated particulate emissions from area sources of fugitive dust. Estimated emissions from vehicle travel on unpaved roads and aircraft operations on unpaved airstrips are included as miscellaneous sources. Estimated emissions from entrainment of dust from paved roads are included with highway vehicle particulate emissions. Source categories are also defined for construction, land tilling, and miscellaneous wind erosion. No emissions are reported for these categories due to lack of suitable emission factors and NEDS source inventory techniques.

The estimated emissions from these fugitive dust sources are quite large. It is improper to assume that the air quality impact of these emissions is similarly significant. A major portion of the emissions from these sources consist of large particles which settle to the ground a short distance from the source. NEDS emission estimates include only estimated emissions of particles less than 30 micrometers in diameter, the maximum size particle that would be efficiently captured by standard particulate air quality sampling equipment. Available particle size data, particularly for entrainment of dust from paved roads, may overestimate the portion of particles under 30 micrometers in size. It should also be noted that since unpaved roads exist mainly in rural areas, that these emissions are spread over large land areas of low population density. These factors limit the impact on air quality of these sources.

This report is issued by the Environmental Protection Agency to report technical data of interest to a limited number of readers. Copies are available free of charge to Federal employees, current contractors and grantees, and nonprofit organizations - in limited quantities - from the Library Services Office (MD-35), U.S. Environmental Protection Agency, Research Triangle Park, N.C. 27711; or, for a fee, from the National Technical Information Service, 5285 Port Royal Road, Springfield, Va. 22161.

Publication No. EPA-450/4-81-029

Tabulated Data from NEDS

Nationwide emission of the five criteria pollutants in 1979 are summarized by emission source category in the first table (page 1) of this report. The second group of tables presents a summary of air pollutant emissions for that year in individual states, in intrastate AQCRs, and in the portions of interstate AQCRs within each state. Air pollutant emissions data for each interstate AQCR are presented in the third group of tables.

Each table has the same format, with emissions shown for each defined NEDS source category. Area source categories are identical to those defined in the NEDS area-source file. The *AEROS User's Manual* (EPA-450/2-029) gives a detailed definition of each area source category. The following brief descriptions of selected area-source categories are presented as additional clarifying information.

Area Source Category	Description
Gasoline Light Duty Vehicles	Passenger vehicles (automobiles) with a gross weight less than 8500 pounds (3856 kg)
Gasoline Light Duty Trucks	Gasoline powered cargo trucks with a gross weight less than 8500 pounds (3856 kg)
Gasoline Heavy Duty Vehicles	Trucks and buses with a gross weight over 8500 pounds (3856 kg)
Off Highway	Off highway vehicles include farm, construction, and industrial machinery, lawn and garden tractors, snowmobiles, and off road motorcycles
Gasoline Station Evaporation	This category represents evaporative emissions occurring at retail gasoline service stations from filling of underground storage tanks and vehicles tanks
Forest Managed Burning	This category represents emissions from deliberate prescribed burning of forest and agricultural wastes as a standard management practice
Frost Control	This category represents emissions from the use of orchard heaters
Solvent Evaporation Loss	This category represents an estimate of evaporative emissions from organic solvent use, not accounted for by point sources in NEDS

Point source data in the emissions summaries are grouped according to NEDS Source Classification Code (SCC) definitions. A complete listing is given in *Compilation of Air Pollutant Emission Factors*, AP 42 and the *AEROS Manual of Codes* (EPA 450/2-76-005). A brief summary of the relationships between NEDS SCC categories and the emissions summary categories is given in the table on the next page.

ABSTRACT

This report summarizes annual cumulative estimates of source emissions of five criteria pollutants particulates, sulfur oxides, nitrogen oxides, hydrocarbons, and carbon monoxide. Source emissions data are reported to the U.S. Environmental Protection Agency under provisions of Section 110 of the Clean Air Act, as amended in 1977, and of EPA Regulations, Title 40, Code of Federal Regulations, Part 51.321. Summary data are presented for the nation as a whole, for individual states, for intrastate and individual interstate portions of Air Quality Control Regions, and for total interstate Air Quality Control Regions.

The data compilations presented result from the operations of the National Emissions Data System (NEDS), which functions as a component of the comprehensive EPA air information system, the Aerometric and Emissions Reporting System (AEROS). AEROS is managed by the National Air Data Branch, Monitoring and Data Analysis Division, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina.

ACKNOWLEDGMENT

The National Emissions Report series is the result of the generous cooperation and diligent efforts of personnel in many areas of government and private industry. Their contributions are gratefully acknowledged.

Point Source Category	SCC	Description
External Combustion - Electric Generation	101	Power plant boiler fuel use
External Combustion - Industrial	102	Industrial boiler fuel use
External Combustion - Commercial-Institutional	103	Commercial-institutional boiler fuel use
Internal Combustion - Electric Generation	201	Power plant fuel use in turbines and reciprocating engines
Internal Combustion - Industrial	202	Industrial turbines and IC engines
Internal Combustion - Commercial-Institutional	203	Commercial-institutional turbines and IC engines
Internal Combustion - Engine Testing	204	Testing of aircraft and rocket engines
Industrial Process - Chemical Mfg	301	Chemical production
Industrial Process - Food/Agriculture	302	Food and grain processing
Industrial Process - Primary Metal	303	Primary iron/steel, aluminum, copper, etc.
Industrial Process - Secondary Metal	304	Foundries, secondary metal smelting
Industrial Process - Mineral Products	305	Stone, clay, and glass
Industrial Process - Petroleum Industry	306	Petroleum refining
Industrial Process - Wood Products	307	Pulp and paper, plywood, and sawmills
Industrial Process - Organic Solvent Evaporation		Dry cleaning (401001), degreasing (401002), surface coating (402), and miscellaneous (490) point source organic solvent users
Industrial Process - Petroleum Storage/Transport		Storage of petroleum products (403, 404) and transportation and marketing losses (406)
Industrial Process - Metal Fabrication	309	Hardware, machinery manufacturing
Industrial Process - Textile Mfg	330	Fabrics and carpet operations
Industrial Process - Other/Not Classified	399	Industrial processes not identified above
Solid Waste Disposal	5	Municipal incinerators and open burning dumps (501), commercial incinerators and open burning (502) and industrial incinerators and open burning (503)

CONTENTS

Page

ABSTRACT iv

ACKNOWLEDGMENT iv

INTRODUCTION v

PART A. SUMMARY OF AIR POLLUTANT EMISSIONS IN THE UNITED STATES 1

PART B. SUMMARY OF AIR POLLUTANT EMISSIONS IN STATES, IN INTRASTATE AQCRs AND IN RESPECTIVE STATE PORTIONS OF INTERSTATE AQCRs 2

PART C. SUMMARY OF AIR POLLUTANT EMISSIONS IN INTERSTATE AQCRs 368

TECHNICAL REPORT DATA
(Please read Instructions on the reverse before completing)

1. REPORT NO.
EPA-450/4-81-029

2.

3. RECIPIENT'S ACCESSION NO.

4. TITLE AND SUBTITLE
1979 National Emissions Report, National Emissions Data Systems (NEDS) of the Aerometric and Emissions Reporting System (AEROS)

5. REPORT DATE
August 1981

6. PERFORMING ORGANIZATION CODE

7. AUTHOR(S)
National Air Data Branch

8. PERFORMING ORGANIZATION REPORT NO.

9. PERFORMING ORGANIZATION NAME AND ADDRESS
U.S. Environmental Protection Agency
Office of Air Quality Planning and Standards
Monitoring and Data Analysis Division
Research Triangle Park, North Carolina 27711

10. PROGRAM ELEMENT NO.

11. CONTRACT/GRANT NO.

12. SPONSORING AGENCY NAME AND ADDRESS
U.S. Environmental Protection Agency
Office of Air, Noise and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

13. TYPE OF REPORT AND PERIOD COVERED
Annual - 1979

14. SPONSORING AGENCY CODE
200/04

15. SUPPLEMENTARY NOTES

16. ABSTRACT

The National Emissions Report summarizes annual cumulative estimates of source emissions of five criteria pollutants: particulates, sulfur oxides, nitrogen oxides, hydrocarbons, and carbon monoxide. Source emissions data are reported to the U.S. Environmental Protection Agency under provisions of Section 110 of the Clean Air Act, as amended 1977, and EPA Regulations, Title 40, Code of Federal Regulations, Part 51.321. Summary data are presented for the nation as a whole, for individual states, and for Air Quality Control Regions and individual interstate portions thereof.

The data compilations result from the operations of the National Emissions Data System (NEDS), which functions as a component of the comprehensive EPA air information system--the Aerometric and Emissions Reporting System (AEROS). AEROS is managed by the National Air Data Branch, Monitoring and Data Analysis Division, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, at Research Triangle Park, North Carolina 27711

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS		b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Air pollution Carbon monoxide* Emissions* Hydrocarbons* Nitrogen oxides*	Particulates* Sulfur oxides*	*Air pollution	

18. DISTRIBUTION STATEMENT
Release unlimited

19. SECURITY CLASS (This Report)
Unclassified

20. SECURITY CLASS (This page)
Unclassified

21. NO. OF PAGES
439

22. PRICE

EPA Form 2220-1 (9-73)

1979 NATIONAL EMISSIONS REPORT

Introduction

This report summarizes, by source category, estimates of emissions in 1979 of those air pollutants for which national standards have been promulgated. These pollutants, which are called criteria pollutants, are particulates, sulfur oxides (SO_x), nitrogen oxides (NO_x), hydrocarbons (HC), and carbon monoxide (CO). National Emission Reports, which are a series of annual reports, are compiled from information contained in the National Emissions Data System (NEDS) on emission sources. Compilations of emissions data are presented for the nation as a whole, for individual states, for intrastate Air Quality Control Regions (AQCRs), for respective state portions of interstate AQCRs, and for interstate AQCRs. Figure 1 is a map illustrating AQCR boundaries.

This report represents the best available indicators of national emissions for the calendar year 1979. Table 1 shows EPA-calculated national emissions estimates that are independent of NEDS data for 1979. Readers interested only in national emissions estimates should refer to this table for total national emissions and national emissions for major source category groupings. More detailed emissions summary reports for the nation, each state, and AQCR, based on NEDS data, are given in Parts A, B, and C, the body of the report, pages 1-420. The estimates reported are based on emission-source records contained in NEDS as of May 1981. State-submitted Annual Reports that were successfully updated in accordance with NEDS files prior to this date also are included. Thus, the data are generally comparable to data collected for the development of State Implementation Plans (SIPs) but include revisions and updating information where they are available. The following text sections provide a detailed technical description of the procedures that were used to develop the emissions data.

Emissions Inventory

Much detailed information concerning sources and their operations is needed for the development of the emissions inventory by which the impact of source emissions on an area's air quality can be assessed at the state or local level. The NEDS, operating through the EPA Office of Air Quality Planning and Standards (OAQPS), processes source and emissions information for the whole nation. Since NEDS operations were initiated in 1971, the National Air Data Branch (NADB) of OAQPS and EPA Regional Offices have been engaged actively in the collection and analysis of air pollutant emissions. A detailed description of the NEDS and of its methodology for compiling an emissions inventory is available in *OAQPS Guideline AEROS Manual Series, Volume II: AEROS User's Manual* (EPA-450/2-76-029). Brief discussions of the NEDS basic elements, used for the preparation of the National Emissions Reports, are given below.

NEDS Point-Source File

The NEDS point-source file contains data concerning stationary facilities that are individual emitters of relatively large quantities of one or more air contaminants. A point source is defined for state reporting purposes as a facility at which the annual emissions of any one criteria pollutant equal or exceed 100 tons (90.7 metric tons) per year. Nearly all point-source data originate at state air pollution control agencies. In general, individual emission points are defined within such a facility to represent the emissions from individual stacks and processes. There may be emitting points at a facility that individually have emissions of fewer than 100 tons per year, but emissions from such points are included in NEDS if the criterion of emissions of 100 tons per year for the entire facility is met. Data for other facilities, regardless of emissions, may also be included if the data are reported from state files.

At the time of this report, NEDS contains data from approximately 210,000 emitting points at 56,000 facilities in all states, the District of Columbia, and three territories. Considerable information is stored for each point source. For example, NEDS stores data on annual operating rates, or activity levels, of a

PART A

SUMMARY OF AIR POLLUTANT EMISSIONS IN THE UNITED STATES

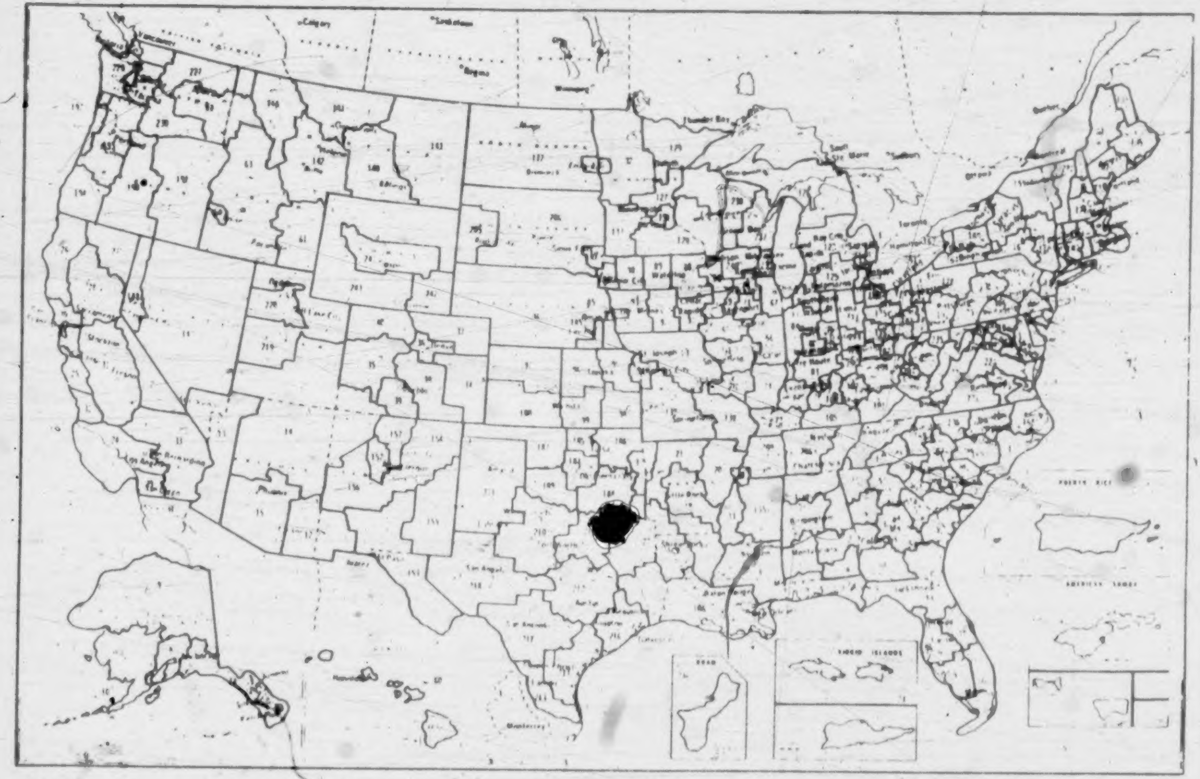


Figure 1. Air Quality Control Regions.

PART B

SUMMARY OF AIR POLLUTANT EMISSIONS IN STATES, IN INTRASTATE AQCRs, AND IN RESPECTIVE STATE PORTIONS OF INTERSTATE AQCRs

Table 1. EPA-CALCULATED NATIONAL EMISSIONS ESTIMATES FOR 1979

Source Category	Emissions estimates, 10^3 tons/year				
	Particulates[1]	Sulfur oxides	Nitrogen oxides	Hydrocarbons[2]	Carbon Monoxide
Fuel combustion (point and area)	2,770	21,400	13,630	310	2,110
Residential	200	280	380	60	1,120
Electric generation	1,690	17,600	8,230	100	370
Industrial	700	2,420	4,530	150	560
Commercial-institutional	180	1,100	490	10	70
Industrial processes (point)	4,740	4,610	660	12,660	6,900
Chemical manufacturing	130	290	250	2,800	2,610
Food/agriculture	700	0	0	180	0
Primary metals	670	2,410	40	100	2,140
Secondary metals	120	30	0	0	440
Mineral products	2,870	810	170	70	10
Petroleum industry	50	740	370	[illegible]	930
Wood products	200	90	30	0	770
Organic solvent evaporation	0	0	0	6,420	0
Petroleum storage/transport	0	0	0	1,630	0
Other processes	0	140	0	320	0
Solid waste disposal (point and area)	450	40	120	800	2,700
Government	70	10	20	40	260
Residential	320	15	80	700	2,050
Commercial-institutional and Industrial	60	15	20	60	390
Transportation (area)	1,600	1,020	10,190	9,590	82,090
Gasoline vehicles	950	240	5,490	8,230	78,000
Light duty vehicles	700	160	3,740	5,430	50,000
Light duty trucks	150	50	1,010	1,370	10,900
Heavy duty vehicles	70	20	570	710	10,400
Motorcycles[3]	10	0	10	190	620
Off highway	20	10	160	530	6,080
Diesel vehicles	530	490	4,380	620	1,410
Light duty vehicles	10	0	10	0	10
Heavy duty vehicles	300	240	2,100	220	670
Off highway	150	120	1,500	210	460
Rail	70	130	770	190	280
Aircraft	80	20	120	220	1,010
Vessels	40	270	200	520	1,670
Miscellaneous (area)	1,000	0	205	3,720	6,780
Forest fires	460	0	110	520	3,820
Forest managed burning	400	0	80	290	2,250
Agricultural burning	80	0	10	90	500
Structural fires	60	0	5	40	210
Gasoline station evaporation loss	0	0	0	1,030	0
Solvent evaporation loss	0	0	0	1,750	0
Grand total (point and area)	10,600	27,000	[illegible]	[illegible]	100,600

[1] Does not include area source fugitive dust emissions (i[illegible]m of dust from paved roads, unpaved airstrips).

[2] Hydrocarbon emission estimates are calculated as volatile organic compound (VOC) emissions. Emissions of methane, ethane, methylchloroform, methylene chloride and a number of chlorofluorocarbons are not included in these totals for some source categories. NEDS emissions are all calculated as total hydrocarbons.

[3] Highway motorcycle emissions are not included in NEDS summaries.

PART C

SUMMARY OF AIR POLLUTANT EMISSIONS IN INTERSTATE AQCRs

process. More specifically, these rates may relate to the amount of fuel consumed by a boiler, quantity of product manufactured in an industrial process, or some comparable measure. Information identifying existing air-pollution control devices and their efficiencies is also recorded. These and similar data are used to determine source emissions according to the procedures outlined in the following discussion of the NEDS emission factor file.

NEDS point-source data are reviewed continually through extensive and cooperative efforts by the National Air Data Branch, the EPA Regional Offices, and the state and local air-pollution control agencies. Data were originally acquired from state records and converted to the NEDS format primarily through EPA internal and contractual efforts. Under provisions of the Clean Air Act and SIP requirements, state agencies must submit revised source data in NEDS format to EPA annually for (1) each source achieving final compliance with an SIP emission-limitation regulation or strategy, (2) each new or modified source receiving approval to begin construction or operation, and (3) each source that terminated operations during a reporting period. Thus, the basic data of the NEDS are revised and updated periodically and reflect progress under the SIPs.

The point-source file contains the data reported to NEDS by the state air-pollution control agencies. Some states still rely on manual procedures for maintenance of their own source/emissions files. The majority of states have, however, installed, or are in the process of installing, automated data systems and EPA has assisted many of the states in these efforts. The most common system in use is one designed and maintained by EPA: the Emission Inventory/Permits and Registration Subsystem (EIS/P&R) of the Comprehensive Data Handling System (CDHS). EIS/P&R has the capability to output data in NEDS format for reporting to EPA. A number of systems designed and maintained by the states also have a similar capability. Data can be easily reported to NEDS by means of data format conversion programs.

NEDS Area-Source File

In NEDS, area sources are all emissions sources not identified as point sources. For example, the NEDS area-source file contains data on all mobile sources such as motor vehicles, aircraft, and railroads; small stationary sources; and miscellaneous sources such as forest fires, agricultural burning, and retail gasoline marketing operations. Unlike data for point sources, however, data for each of these small individual sources are not stored in NEDS. Rather, estimates of total emission levels for specific categories of area sources are stored for individual geographic areas. Generally, data relevant to area-source emissions (for example, total amount of gasoline consumed by all motor vehicles) are grouped for each of the approximately 3100 counties or county equivalents in the United States. Area-source data are developed primarily from reports published by other Federal agencies and, when possible, from valid data collected by state air-pollution control agencies. Detailed procedures for the determination of levels of area source activity are discussed in *AEROS User's Manual, Volume II* (OAQPS No. 1.2-039), EPA-450/2-76-029. Under current SIP requirements, states are not required to submit area-source data to EPA. Therefore, area-source data are updated annually by NADB; states are given the opportunity, however, to review the EPA-generated area-source data for accuracy and completeness. In addition, a number of state agencies have voluntarily submitted their own area-source data for inclusion in NEDS. These data are reviewed for consistency with the NEDS point-source data and are added to the NEDS file if they are acceptable for inclusion.

NEDS Emission-Factor File

In normal NEDS operations, source emissions are calculated automatically via computer program, based on the data stored in point and area source files. The principal vehicle for these calculations is the NEDS emission-factor file. An emission factor is a statistical average—a quantitative estimate—of the rate at which a pollutant is released to the atmosphere (as a result of an activity such as combustion or industrial production) divided by the level of that activity. Thus, an emission factor relates the quantity of pollutants to an indicator of activity such as production capacity or quantity of fuel burned. Because emission factors are statistical averages, they are not necessarily precise indicators of emissions from an individual source. When they are applied to a large number of sources, however, a reasonable estimate of total emissions can be obtained. In general, the larger the sample, the lower the percentage of error. Therefore, for the entire nation, an emission estimate based on emission factors may be quite precise, but for smaller geographic areas the percentage of error increases. Emission factors are usually determined from results of source tests in which quantities of air pollutants are measured from specific processes. Emission factors may also be determined from process material balances and engineering appraisals of particular processes. A collection of derived emission factors is given in *Compilation of Air Pollutant Emission Factors* (U.S. Environmental Protection Agency, Research Triangle Park, N.C., Publication No. AP-42, March 1975) and its supplements.

The emission factors in AP-42 and associated data maintained by NADB are related to the activity levels for sources covered by NEDS. Area-source emission factors are designated for each area-source category represented in NEDS. The emissions are determined by multiplying the appropriate emission factor by the activity level recorded.

Similarly, point-source emission factors are related to point-source activity levels through the NEDS Source Classification Code (SCC), determined and recorded for each point source. These codes give specific identification of the source (e.g., industrial coal-fired boiler, solid-waste incinerator, gray-iron cupola) and define the units of the activity level recorded in the point-source file. Appropriate emission factors are designated for each SCC and are multiplied by the activity level to calculate the emissions. Where a control device is indicated in the point-source file, the given control-device efficiency is included in the emission calculation so that estimated actual emissions are computed for all sources. Additionally, provision is made for the direct recording of emissions determined by stack tests or engineering material balances for specific sources. It is assumed that the determination of emissions by these latter methods provides a more precise estimate than the calculation of emissions by the application of an emission factor. Further, when the point-source file indicates that the recorded emissions estimates were determined by a source test or material balance, the computer program that calculates emissions will substitute these data for emissions estimates that were calculated through the use of factors.

Some SCCs do not have corresponding emission factors in the NEDS emission-factor file. These SCCs are general in nature (i.e., termed miscellaneous or unspecified) and are used for the categorization of point sources that are otherwise not classifiable. A source will fall in these categories when (1) no emission information is available, (2) the source is inadequately identified, or (3) the source is unique, or very unusual, and therefore cannot be assigned a specific SCC.

For some of the sources in such miscellaneous categories, emissions estimates may be derived by engineering analysis or judgment. The resulting emissions estimates are incorporated into the point-source file and carry the same weight as calculated emissions estimates. The National Emissions Reports are based on all emissions estimates in the NEDS point-source file, however derived.

The error caused by having no estimates for some point sources and "guess" estimates for a few others is insignificant when emissions are summarized for the nation as a whole; but that error may be fairly sizable for local areas in which a number of point sources could not be assigned a specific SCC. The evidence suggests that the problem of missing emissions estimates for a few point sources is not major when considered in relation to (1) the potential imprecision introduced through an application of emission factors to specific point sources, or (2) the imprecision introduced through the calculation of area-source activity levels for small geographic areas.

Reliability of Reported Emissions

Because an emissions inventory such as NEDS is often used as a basis for making important management decisions, it is imperative that the data therein be as accurate and precise as possible. Hence, when an inventory is developed, the question of reliability must be considered if the resulting emissions estimates are to be applied with any confidence.

Imprecision of emissions data is an inevitable result of the estimation techniques used to develop the data base, though these techniques are, for practical considerations, the best that are available. As noted previously, the use of emission factors and calculation of area-source activity levels for NEDS cause inherent variations, or random errors, in the calculated emissions. Generally, as the number of observations on which emissions estimates are based is increased, the impact of imprecision of the data decreases. Thus, for the NEDS national emissions summary tabulation, which is based on a very large

```
     TOTAL (EXTERNAL COMB)
               AREA SOURCES          1649        7233        7275        1798        3240
               POINT SOURCES         7179       65337       55637        1519        2875

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES          1649        7233        7275        1798        3240
               POINT SOURCES         7179       65337       55637        1519        2875

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             353       26139          92        1018           0
   FOOD/AGRICULTURAL                  168           0           0           0           0
   PRIMARY METAL                     3677           0           0           0           0
   SECONDARY METALS                   122           0           1           0         259
   MINERAL PRODUCTS                   299           0           0          38         232
   PETROLEUM INDUSTRY                  96        5175         515          48          72
   WOOD PRODUCTS                     1881        1627         786           0       14072
   PETROLEUM STORAGE/TRANSPORT          0           0           0        3131           0
   OTHER/NOT CLASSIFIED               131         397           0          17           0
   TOTAL (INDUSTRIAL)                6727       33338        1394        4252       14635

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION            285           4           9         802        2405
      OPEN BURNING                    806          30         207        1086        3445
      TOTAL (RESIDENTIAL)            1091          34         216        1888        5850

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
               AREA SOURCES             8           0           3          14          39
      TOTAL (COMM-INST)
               AREA SOURCES             8           0           3          14          39

   INDUSTRIAL

      OPEN BURNING
               AREA SOURCES            18           1           6          30         110
      TOTAL (INDUSTRIAL)
               AREA SOURCES            18           1           6          30         110

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES          1117          35         225        1932        5999

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         8454         320        7541       11364       99268
         LIGHT DUTY TRUCKS           1876         104        2297        3127       23801
         HEAVY DUTY VEHICLES          465          39        1238        1647       22544
         OFF HIGHWAY                   31          17         306        1103       11833
         TOTAL (GASOLINE)           10826         480       11382       17241      157446

      DIESEL

         HEAVY DUTY VEHICLES         1002         439        4065         553        1635
         OFF HIGHWAY                  252         211        2548         375         754
```

TOTAL (DIESEL)	70	56	608	91	188
AIRCRAFT					
MILITARY	2	0	1	4	7
CIVIL	0	0	1	22	989
COMMERCIAL	8	18	170	190	425
TOTAL (AIRCRAFT)	10	18	172	216	1421
VESSELS					
DIESEL FUEL	219	277	2056	539	722
RESIDUAL OIL	12	175	29	2	0
GASOLINE	0	2	9	357	1118
TOTAL (VESSELS)	231	454	2094	898	1840
TOTAL (TRANSPORTATION)	1100	572	4096	2794	17368
MISCELLANEOUS (AREA) **********************					
FOREST MANAGED BURNING	422	3	85	380	2361
STRUCTURAL FIRES	13	0	0	7	51
GASOLINE STA EVAP LOSS	0	0	0	214	0
SOLVENT EVAPORATION LOSS	0	0	0	678	0
UNPAVED ROADS	56626	0	0	0	0
UNPAVED AIRSTRIPS	22	0	0	0	0
TOTAL (MISCELLANEOUS)	57083	3	85	1279	2412
GRAND TOTAL ***********					
AREA SOURCES	58476	925	5232	4457	21523
POINT SOURCES	966	2184	3276	941	5663
TOTAL	59442	3109	8508	5398	27186

```
*** A06 ***                                                                                               *** A06 ***
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************
                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************
STATE/AQCR EMISSIONS REPORT                                                RUN DATE:  TUESDAY   JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:03 ARIZONA        AQCR:014 FOUR CORNERS                 POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                                  PARTICULATES         SOX           NOX           HC            CO
                                  ************    ***********   ***********   ***********   ***********
                                   TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                   4             66            27             1             7
         NATURAL GAS                     22              0           169            17            42
         WOOD                          2069             40            83           414         14895
         TOTAL (RESIDENTIAL)           2095            106           279           432         14944

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              17287          65718         79342          1323         23363
         DISTILLATE OIL                   4            302           106             4            47
         NATURAL GAS                      0              0             7             0             0
         TOTAL (ELEC GEN)             17291          66020         79455          1327         23410

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                391           1372           723            22            48
         RESIDUAL OIL
            POINT SOURCES                18            180            65             2             5
         DISTILLATE OIL
            AREA SOURCES                  6             91            74             3            11
            POINT SOURCES                 0              1             0             0             0
         NATURAL GAS
            AREA SOURCES                  5              0          1053           419           143
            POINT SOURCES                 0              0            40             0             1
         WOOD
            POINT SOURCES               251             65           447            90            90
         OTHER
            POINT SOURCES                 1              0            11             1             2
         TOTAL (INDUSTRIAL)
            AREA SOURCES                402           1463          1850           444           202
            POINT SOURCES               270            246           563            93            98

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                  4             56            12             0             1
         DISTILLATE OIL
            AREA SOURCES                  1             30            16             0             4
            POINT SOURCES                 0              1             0             0             0
         NATURAL GAS
            AREA SOURCES                  4              0            54             3             9
            POINT SOURCES                 1              0            18             1             2
         TOTAL (COMM-INST)
```

*** A07 *** *** A07 ***

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	12236	492	11286	15783	137888
LIGHT DUTY TRUCKS	3955	237	5233	6667	50202
HEAVY DUTY VEHICLES	1007	87	2743	3408	47408
OFF HIGHWAY	67	36	660	2375	25462
TOTAL (GASOLINE)	17265	852	19922	28233	260960
DIESEL					
HEAVY DUTY VEHICLES	2740	1190	11027	1480	4354
OFF HIGHWAY	431	361	4353	639	1289
RAIL	218	491	3185	810	1117
TOTAL (DIESEL)	3389	2042	18565	2929	6760
AIRCRAFT					
MILITARY	431	42	259	767	1383
CIVIL	1	0	1	41	1975
COMMERCIAL	13	28	263	295	657
TOTAL (AIRCRAFT)	445	70	523	1103	4015
VESSELS					
DIESEL FUEL	61	75	557	147	192
GASOLINE	0	31	117	4640	14578
TOTAL (VESSELS)	61	106	674	4787	14770
TOTAL (TRANSPORTATION)	21160	3070	39684	37052	286505
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	1101	9	259	1554	9063
FOREST MANAGED BURNING	651	1	130	588	3651
STRUCTURAL FIRES	206	0	25	155	840
GASOLINE STA EVAP LOSS	0	0	0	4521	0
SOLVENT EVAPORATION LOSS	0	0	0	32551	0
UNPAVED ROADS	197893	0	0	0	0
TOTAL (MISCELLANEOUS)	199851	10	414	39369	13554
GRAND TOTAL ***********					
AREA SOURCES	225167	11997	57433	84733	319352
POINT SOURCES	13272	19820	14941	1162	111999
TOTAL	238439	31817	72374	85895	431351

```
*** A08 ***                                                                                       *** A08 ***
                  AREA SOURCES            2388          3817          6193          2130         14665
                  POINT SOURCES           1690         16330         14488           133           639

   TOTAL  (FUEL COMBUSTION)

                  AREA SOURCES            2388          3817          6193          2130         14665
                  POINT SOURCES           1690         16330         14488           133           639

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  551          1971             0             0         18300
   FOOD/AGRICULTURAL                      6906             0             0             0             0
   SECONDARY METALS                          8             0             0           589             0
   MINERAL PRODUCTS                        208             0             0             0             0
   ORGANIC SOLVENT EVAPORATION               0             0             0            33             0
   OTHER/NOT CLASSIFIED                     13             0             0             0             0
   TOTAL  (INDUSTRIAL)                    7686          1971             0           622         18300

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL  (AREA)

      ON SITE INCINERATION                 145             0             2           409          1224
      OPEN BURNING                        1121            43           288          1510          4790
      TOTAL  (RESIDENTIAL)                1266            43           290          1919          6014

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                  AREA SOURCES              34             5            17            20            46
      TOTAL  (COMM-INST)
                  AREA SOURCES              34             5            17            20            46

   INDUSTRIAL

      ON SITE INCINERATION
                  AREA SOURCES              21             2             2            19            27
                  POINT SOURCES             75             1            11           117          1388
      OPEN BURNING
                  AREA SOURCES               3             0             0             3            15
      TOTAL  (INDUSTRIAL)
                  AREA SOURCES              24             2             2            22            42
                  POINT SOURCES             75             1            11           117          1388

   TOTAL  (SOLID WASTE DISP)
                  AREA SOURCES            1324            50           309          1961          6102
                  POINT SOURCES             75             1            11           117          1388

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              5471           286          6680          8297         67549
         LIGHT DUTY TRUCKS                2335           171          3747          4249         30329
         HEAVY DUTY VEHICLES               593            64          2114          2238         30627
         OFF HIGHWAY                        79            44           798          2873         30821
         TOTAL  (GASOLINE)                8478           565         13339         17657        159326

      DIESEL

         HEAVY DUTY VEHICLES              1012           520          4887           566          1644
```

TOTAL (SOLID WASTE DISP)					
AREA SOURCES	375	8	35	902	2728
POINT SOURCES	2526	66	445	3642	24704
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	4317	246	5345	8571	58135
LIGHT DUTY TRUCKS	1856	148	2796	3016	22211
HEAVY DUTY VEHICLES	182	22	709	543	9421
OFF HIGHWAY	22	12	217	776	8326
TOTAL (GASOLINE)	6377	428	9067	12906	98093
DIESEL					
HEAVY DUTY VEHICLES	983	520	4534	531	1582
OFF HIGHWAY	70	59	710	103	210
RAIL	40	90	579	147	204
TOTAL (DIESEL)	1093	669	5823	781	1996
AIRCRAFT					
MILITARY	2	0	1	3	5
CIVIL	2	1	4	66	2997
COMMERCIAL	0	0	1	1	2
TOTAL (AIRCRAFT)	4	1	6	70	3004
VESSELS					
DIESEL FUEL	18	23	166	44	58
RESIDUAL OIL	77	1013	166	12	6
GASOLINE	0	16	59	2394	7520
TOTAL (VESSELS)	95	1052	391	2450	7584
TOTAL (TRANSPORTATION)	7569	2150	15287	16207	110677
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	11983	107	2820	16916	98680
FOREST MANAGED BURNING	18310	139	3662	16478	102534
AGRICULTURAL BURNING	1	0	0	1	8
STRUCTURAL FIRES	66	0	7	48	263
GASOLINE STA EVAP LOSS	0	0	0	1548	0
SOLVENT EVAPORATION LOSS	0	0	0	4477	0
UNPAVED ROADS	7986	0	0	0	0
UNPAVED AIRSTRIPS	27	0	0	0	0
TOTAL (MISCELLANEOUS)	38373	246	6489	39468	201485
GRAND TOTAL					
***********					
AREA SOURCES	48598	2684	22989	57271	330913
POINT SOURCES	9966	4554	5594	7369	32299
TOTAL	58564	7238	28583	64640	363212

```
*** A11 ***                                                                                               *** A11 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                          ********************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                          *********************************

STATE/AQCR EMISSIONS REPORT                                                 RUN DATE:   TUESDAY    JANUARY 26, 1982
*****************************                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:05 CALIFORNIA     AQCR:030 SAN FRANCISCO BAY AREA        POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                PARTICULATES        SOX            NOX            HC            CO
                                ************   ************   ************   ************   ************
                                 TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                12            216             92              4             25
            NATURAL GAS                  774             47           6193            618           1549
            WOOD                         465             11             20             93           3348
            TOTAL (RESIDENTIAL)         1251            274           6305            715           4922

        ELEC GENERATION (POINT)

            RESIDUAL OIL                2717          23804          15956            309           1637
            NATURAL GAS                  441           1076          17935             74           1011
            TOTAL (ELEC GEN)            3158          24880          33891            383           2648

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             214            543            358              9             24
            RESIDUAL OIL
                POINT SOURCES            155           1185           4111             39            212
            DISTILLATE OIL
                POINT SOURCES             20            960            545             10             41
            NATURAL GAS
                AREA SOURCES             131              7          22217           8570           2986
                POINT SOURCES            279             44          14413             64            558
            PROCESS GAS
                POINT SOURCES             17            180           2734              8             40
            WOOD
                POINT SOURCES             73              9             59             28             58
            OTHER
                POINT SOURCES              2              1              4              0              1
            TOTAL (INDUSTRIAL)
                AREA SOURCES             345            550          22575           8579           3010
                POINT SOURCES            546           2379          21866            149            910

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES             319            694           1124             19             94
                POINT SOURCES             11             99             99              1             10
            DISTILLATE OIL
                POINT SOURCES             36            717            401             18             91
            NATURAL GAS
                AREA SOURCES             218             13           2619            174            438
                POINT SOURCES             93              7           2684             26            166
            OTHER
```

```
*** A12 ***                                                                                          *** A12 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              1             0             0             1             2
                POINT SOURCES            11             3             2            10            14
        OPEN BURNING
                AREA SOURCES              1             0             0             1             5
        TOTAL (INDUSTRIAL)
                AREA SOURCES              2             0             0             2             7
                POINT SOURCES            11             3             2            10            14

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            122             2            11           296           896
                POINT SOURCES           487            33           180           934          2541

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        1629            63          1403          2507         18886
            LIGHT DUTY TRUCKS           588            32           594           715          6035
            HEAVY DUTY VEHICLES         119            10           316           333          5601
            OFF HIGHWAY                   9             5            87           314          3373
            TOTAL (GASOLINE)           2345           110          2400          3869         33895

        DIESEL

            HEAVY DUTY VEHICLES         212            94           869           123           364
            OFF HIGHWAY                  38            31           380            56           112
            RAIL                         13            29           189            48            66
            TOTAL (DIESEL)              263           154          1438           227           542

    AIRCRAFT

        MILITARY                        655            61           394          1165          2098
        CIVIL                             0             0             0             7           302
        COMMERCIAL                        3             7            63            71           158
        TOTAL (AIRCRAFT)                658            68           457          1243          2558

    VESSELS

        GASOLINE                          0             2             7           301           947
        TOTAL (VESSELS)                   0             2             7           301           947

    TOTAL (TRANSPORTATION)             3266           334          4302          5640         37942

MISCELLANEOUS (AREA)
********************

    AGRICULTURAL BURNING                396             0            55           468          2602
    STRUCTURAL FIRES                     21             0             3            16            87
    GASOLINE STA EVAP LOSS                0             0             0           554             0
    SOLVENT EVAPORATION LOSS              0             0             0          1043             0
    UNPAVED ROADS                      2307             0             0             0             0
    UNPAVED AIRSTRIPS                    92             0             0             0             0
    TOTAL (MISCELLANEOUS)              2816             0            58          2081          2689

GRAND TOTAL
***********

    AREA SOURCES                       6229           351          4554          8060         41639

    POINT SOURCES                      8701         27046         23169         10031        108299
```

```
*** A14 ***                                                                                        *** A14 ***
          POINT SOURCES                  2            84            21             1             5
       NATURAL GAS
          AREA SOURCES                   4             0            54             2             8
          POINT SOURCES                 34             2          1238             9            60
       WOOD
          POINT SOURCES                  9             0             1             0             0
       LIQUID PETROL GAS
          POINT SOURCES                  0             2             0             0             0
       TOTAL (COMM-INST)
          AREA SOURCES                  51           576           223             5            23
          POINT SOURCES               1713          1232          1528            16            81

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                 253           974          4302          1268          1048
          POINT SOURCES               4596         27683         40585           676          2231

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

       DISTILLATE OIL                    1             1            14             1             3
       NATURAL GAS                       1             0           221            91            28
       TOTAL (ELEC GEN)                  2             1           235            92            31

    INDUSTRIAL FUEL

       DISTILLATE OIL                   48            45           674            54           147
       TOTAL (INDUSTRIAL)               48            45           674            54           147

    TOTAL (INTERNAL COMB)               50            46           909           146           178

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                 253           974          4302          1268          1048
          POINT SOURCES               4646         27729         41494           822          2409

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING               405             0             0             0             0
  PRIMARY METAL                       6044          2051           165          2673         31370
  SECONDARY METALS                      52             0             2             0          2827
  MINERAL PRODUCTS                    3842          9005          2349            63             3
  ORGANIC SOLVENT EVAPORATION            0             0             0           499             0
  PETROLEUM STORAGE/TRANSPORT            0             0             0            76             0
  METAL FABRICATION                      9             0             0             0             0
  OTHER/NOT CLASSIFIED                  24          7785             0            17            51
  TOTAL (INDUSTRIAL)                 10376         18841          2516          3328         34251

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

     ON SITE INCINERATION              492             6            15          1381          4142
     OPEN BURNING                      572            20           145           769          2444
     TOTAL (RESIDENTIAL)              1064            26           160          2150          6586

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
          AREA SOURCES                  13             4             6             7            20
     TOTAL (COMM-INST)
          AREA SOURCES                  13             4             6             7            20

  INDUSTRIAL
```

```
*** A16 ***                                                                                          *** A16 ***
    ORGANIC SOLVENT EVAPORATION        0          0          0          1          0
    PETROLEUM STORAGE/TRANSPORT        0          0          0        157          0
    OTHER/NOT CLASSIFIED               1         30          0          0          0
    TOTAL (INDUSTRIAL)                27         30          1        158       1157

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES     3246        161       4015       5212      43495
            LIGHT DUTY TRUCKS        577         39        916       1093       8150
            HEAVY DUTY VEHICLES       82          8        303        349       4725
            OFF HIGHWAY                9          4         84        303       3249
            TOTAL (GASOLINE)        3914        212       5318       6957      59619

        DIESEL

            HEAVY DUTY VEHICLES      143         72        730         89        247
            OFF HIGHWAY               66         55        668         98        198
            RAIL                       4         10         63         16         22
            TOTAL (DIESEL)           213        137       1461        203        467

    AIRCRAFT

        CIVIL                          0          0          0          7        305
        TOTAL (AIRCRAFT)               0          0          0          7        305

    VESSELS

        GASOLINE                       0          3         10        396       1244
        TOTAL (VESSELS)                0          3         10        396       1244

    TOTAL (TRANSPORTATION)          4127        352       6789       7563      61635

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                  41          0          5         31        168
    GASOLINE STA EVAP LOSS             0          0          0        564          0
    SOLVENT EVAPORATION LOSS           0          0          0       8763          0
    TOTAL (MISCELLANEOUS)             41          0          5       9358        168

GRAND TOTAL
***********

    AREA SOURCES                    4329       1328       7785      16970      62020

    POINT SOURCES                     29         54         19        158       1159

    TOTAL                           4358       1382       7804      17128      63179
```

```
        TOTAL (EXTERNAL COMB)
                AREA SOURCES               255         738        2605         143         642
                POINT SOURCES             2898       20192       10310         300        1051

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  10          31         135          11          31
            TOTAL (ELEC GEN)                10          31         135          11          31

        INDUSTRIAL FUEL

            NATURAL GAS                      0           0           7           3           1
            TOTAL (INDUSTRIAL)               0           0           7           3           1

        TOTAL (INTERNAL COMB)               10          31         142          14          32

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               255         738        2605         143         642
                POINT SOURCES             2908       20223       10452         314        1083

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                         9           1           1           0           0
    ORGANIC SOLVENT EVAPORATION              0           0           0        2395           0
    PETROLEUM STORAGE/TRANSPORT              0           0           0         315           0
    OTHER/NOT CLASSIFIED                     1           0           0           0           0
    TOTAL (INDUSTRIAL)                      10           1           1        2710           0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             342         476         490         286        6664
        TOTAL (GOVERNMENT)                 342         476         490         286        6664

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                41           1           1         114         343
        TOTAL (RESIDENTIAL)                 41           1           1         114         343

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               607         192         288         352         831
        TOTAL (COMM-INST)
                AREA SOURCES               607         192         288         352         831

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES               11           4           5           5          16
        TOTAL (INDUSTRIAL)
                POINT SOURCES               11           4           5           5          16

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               648         193         289         466        1174
                POINT SOURCES              353         480         495         291        6680

TRANSPORTATION (AREA)
*********************
```

```
*** B01 ***                                                                                          *** B01 ***

                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

NATIONWIDE EMISSIONS REPORT                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
UNITED STATES                                              POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                                PARTICULATES         SOX           NOX            HC            CO
                                ************  ************  ************  ************  ************
                                 TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              4970         13275          1469          1233         44960
         BITUMINOUS COAL              3728         11383           501          3866         16760
         DISTILLATE OIL              17017        202526        123085          6815         34135
         NATURAL GAS                 27023          1335        215898         21648         54090
         WOOD                       128993          2500          5154         26052        926874
         TOTAL (RESIDENTIAL)        181731        231019        346107         59614       1076819

      ELEC GENERATION (POINT)

         ANTHRACITE COAL             58021         18779         12926             6           722
         BITUMINOUS COAL           1469755      16255773       5109821         72027        260339
         LIGNITE                     51917        616091        384303          9126         28025
         RESIDUAL OIL               112246       1926398        981263         12386         48066
         DISTILLATE OIL               8368         94019         73391          3051          7635
         NATURAL GAS                 23747         53202        878832          2878         20164
         PROCESS GAS                    16          1166          3773             3           287
         OTHER                       12889         53636         42154          7019          8580
         TOTAL (ELEC GEN)          1736959      19019064       7486463        106496        373818

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                53           153            64             0             2
            POINT SOURCES             1361          3915          2258            14           445
         BITUMINOUS COAL
            AREA SOURCES            108397        556828        166212          4949         10691
            POINT SOURCES           474471       1474898        443159         13181         35602
         LIGNITE
            POINT SOURCES            23965         51654         11539           554          1405
         RESIDUAL OIL
            AREA SOURCES             15452        216021         53447           873          4415
            POINT SOURCES           162480       1253393        400078         11428         75422
         DISTILLATE OIL
            AREA SOURCES              4851         54342         57932          3018          8191
            POINT SOURCES             8975        151741         63304          4413          8616
         NATURAL GAS
            AREA SOURCES             16557           824       2024023        744330        268084
            POINT SOURCES            31215         40520        688444         12328         38056
         PROCESS GAS
            AREA SOURCES                19            77            86             1             3
            POINT SOURCES             8281        167769         50339          2037         70892
         COKE
```

```
                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                  AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:01 ALABAMA      AQCR:002 COLUMBUS-PHENIX CITY         POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                          PARTICULATES        SOX            NOX             HC              CO
                          ************    ************   ************   ************   ************
                           TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

    RESIDENTIAL FUEL (AREA)

      BITUMINOUS COAL               17              57              0             17             69
      DISTILLATE OIL                 0               2              1              0              0
      NATURAL GAS                   39               1            312             33             79
      WOOD                        1394              28             55            280          10026
      TOTAL (RESIDENTIAL)         1450              88            368            330          10174

    ELEC GENERATION (POINT)

      OTHER                        352             141            941            188            188
      TOTAL (ELEC GEN)             352             141            941            188            188

    INDUSTRIAL FUEL

      BITUMINOUS COAL
          AREA SOURCES             971            5619           1480             44             96
          POINT SOURCES             58             481            207              3             12
      RESIDUAL OIL
          POINT SOURCES            100            1530            227              4             19
      DISTILLATE OIL
          AREA SOURCES              39             369            449             24             66
          POINT SOURCES              6             217             15              2              2
      NATURAL GAS
          AREA SOURCES              47               1           5023           1816            660
          POINT SOURCES             42               3           1962             10             47
      WOOD
          POINT SOURCES           1139             369           1495            299            299
      TOTAL (INDUSTRIAL)
          AREA SOURCES            1057            5989           6952           1884            822
          POINT SOURCES           1345            2600           3906            318            379

    COMM-INSTITUTIONAL FUEL

      DISTILLATE OIL
          AREA SOURCES               5              86             66              2             15
      NATURAL GAS
          AREA SOURCES              25               1            291             19             47
      TOTAL (COMM-INST)
          AREA SOURCES              30              87            357             21             62

    TOTAL (EXTERNAL COMB)
          AREA SOURCES            2537            6164           7677           2235          11058
          POINT SOURCES           1697            2741           4847            506            567
```

RAIL	20	45	296	75	104
TOTAL (DIESEL)	1274	695	6909	1003	2493
AIRCRAFT					
MILITARY	85	8	51	150	271
CIVIL	0	0	1	15	699
COMMERCIAL	6	12	116	129	289
TOTAL (AIRCRAFT)	91	20	168	294	1259
VESSELS					
DIESEL FUEL	41	51	382	100	134
RESIDUAL OIL	220	2894	475	33	16
GASOLINE	0	14	52	2106	6615
TOTAL (VESSELS)	261	2959	909	2239	6765
TOTAL (TRANSPORTATION)	12452	4154	19368	20777	167963
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	4676	42	1100	6603	38511
FOREST MANAGED BURNING	1243	9	249	1118	6958
AGRICULTURAL BURNING	126	0	18	149	830
STRUCTURAL FIRES	118	0	14	88	479
GASOLINE STA EVAP LOSS	0	0	0	2998	0
SOLVENT EVAPORATION LOSS	0	0	0	12548	0
UNPAVED ROADS	20421	0	0	0	0
TOTAL (MISCELLANEOUS)	26584	51	1381	23504	46778
GRAND TOTAL ***********					
AREA SOURCES	41802	11473	28249	48011	223980
POINT SOURCES	13906	98675	57031	5771	17510
TOTAL	55708	110148	85280	53782	241490

```
*** B04 ***                                                                                                   *** B04 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:   TUESDAY     JANUARY 26, 1982
****************************                                       AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:02 ALASKA         AQCR:008 COOK INLET                       POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                                   PARTICULATES         SOX             NOX              HC               CO
                                   ************    ************    ************    ************    ************
                                    TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    22             369             154               9              42
         NATURAL GAS                       34               2             276              28              69
         WOOD                             230               5               9              47            1647
         TOTAL (RESIDENTIAL)              286             376             439              84            1758

      ELEC GENERATION (POINT)

         DISTILLATE OIL                     0               7               2               0               0
         NATURAL GAS                       21               1            1476               2              36
         TOTAL (ELEC GEN)                  21               8            1478               2              36

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES                   2              21               8               0               1
         DISTILLATE OIL
            AREA SOURCES                    4              51              42               2               6
            POINT SOURCES                   0               7               4               0               1
         NATURAL GAS
            AREA SOURCES                  108               6            1947              32             184
            POINT SOURCES                  14               1             803               2              24
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  112              57            1989              34             190
            POINT SOURCES                  16              29             815               2              26

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                    0               8               2               0               0
         NATURAL GAS
            AREA SOURCES                   38               2             458              31              77
            POINT SOURCES                  13               1             895               1              22
         OTHER
            POINT SOURCES                   2              14              12               1               3
         TOTAL (COMM-INST)
            AREA SOURCES                   38              10             460              31              77
            POINT SOURCES                  15              15             907               2              25

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                  436             443            2888             149            2025
            POINT SOURCES                  52              52            3200               6              87

   INTERNAL COMBUSTION (POINT)
```

```
                 AREA SOURCES                9           86           82            3           14
                 POINT SOURCES               1            1           18            1            2

            TOTAL (EXTERNAL COMB)
                 AREA SOURCES             2506         1655         2211          879        15160
                 POINT SOURCES           17562        66267        80036         1421        23510

         INTERNAL COMBUSTION (POINT)

            ELECTRIC GENERATION

               NATURAL GAS                   0            0            8            1            2
               TOTAL (ELEC GEN)              0            0            8            1            2

            TOTAL (INTERNAL COMB)            0            0            8            1            2

         TOTAL (FUEL COMBUSTION)

                 AREA SOURCES             2506         1655         2211          879        15160
                 POINT SOURCES           17562        66267        80044         1422        23512

      INDUSTRIAL PROCESS (POINT)
      ***************************

         FOOD/AGRICULTURAL                 287            0            0            0            0
         MINERAL PRODUCTS                 2842         1826          727            0            0
         PETROLEUM INDUSTRY                 16          166           45            6          169
         WOOD PRODUCTS                     373         1458          436            0        10293
         PETROLEUM STORAGE/TRANSPORT         0            0            0          131            0
         OTHER/NOT CLASSIFIED                4          164            0            1           34
         TOTAL (INDUSTRIAL)               3522         3614         1208          138        10496

      SOLID WASTE DISPOSAL
      ********************

         RESIDENTIAL (AREA)

            ON SITE INCINERATION           198            4            6          558         1674
            OPEN BURNING                   158            6           41          214          681
            TOTAL (RESIDENTIAL)            356           10           47          772         2355

         COMMERCIAL-INSTITUTIONAL

            ON SITE INCINERATION
                 AREA SOURCES               12            4            4            8           16
            TOTAL (COMM-INST)
                 AREA SOURCES               12            4            4            8           16

         INDUSTRIAL

            ON SITE INCINERATION
                 AREA SOURCES               41            8            8           37           56
                 POINT SOURCES              74            1           11          117         1385
            OPEN BURNING
                 AREA SOURCES               21            0            7           36          125
            TOTAL (INDUSTRIAL)
                 AREA SOURCES               62            8           15           73          181
                 POINT SOURCES              74            1           11          117         1385

         TOTAL (SOLID WASTE DISP)
                 AREA SOURCES              430           22           66          853         2552
                 POINT SOURCES              74            1           11          117         1385

      TRANSPORTATION (AREA)
      *********************
```

OFF HIGHWAY	542	456	5496	807	1628
RAIL	132	292	1898	480	667
TOTAL (DIESEL)	1686	1268	12281	1853	3939
AIRCRAFT					
MILITARY	192	18	115	341	615
CIVIL	0	0	0	46	1997
TOTAL (AIRCRAFT)	192	18	115	387	2612
VESSELS					
DIESEL FUEL	64	80	595	157	208
GASOLINE	0	15	59	2378	7472
TOTAL (VESSELS)	64	95	654	2535	7680
TOTAL (TRANSPORTATION)	10420	1946	26389	22432	173557
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1121	7	264	1580	9231
FOREST MANAGED BURNING	218	1	43	197	1221
STRUCTURAL FIRES	137	0	17	100	553
GASOLINE STA EVAP LOSS	0	0	0	2764	0
SOLVENT EVAPORATION LOSS	0	0	0	22116	0
UNPAVED ROADS	201202	0	0	0	0
UNPAVED AIRSTRIPS	2	0	0	0	0
TOTAL (MISCELLANEOUS)	202680	8	324	26757	11005
GRAND TOTAL ***********					
AREA SOURCES	216812	5821	33215	53280	205329
POINT SOURCES	9451	18302	14499	872	20327
TOTAL	226263	24123	47714	54152	225656

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        **********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        ***********************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
******************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:05 CALIFORNIA      AQCR:023 GREAT BASIN VALLEY                    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                  PARTICULATES         SOX            NOX             HC              CO
                                  ************    ************    ************    ************    ************
                                   TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                 1              16               7               0               2
            NATURAL GAS                    5               0              37               4               9
            WOOD                         102               2               4              21             729
            TOTAL (RESIDENTIAL)          108              18              48              25             740

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               0               1               0               0               0
            RESIDUAL OIL
                POINT SOURCES             35             465             175               3              15
            DISTILLATE OIL
                POINT SOURCES              0               8               2               0               0
            NATURAL GAS
                AREA SOURCES               0               0              34              13               5
            WOOD
                POINT SOURCES             10               4              26               5               5
            TOTAL (INDUSTRIAL)
                AREA SOURCES               0               1              34              13               5
                POINT SOURCES             45             477             203               8              20

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES              12              33              42               1               3
            NATURAL GAS
                AREA SOURCES               1               0              17               1               3
            TOTAL (COMM-INST)
                AREA SOURCES              13              33              59               2               6

        TOTAL (EXTERNAL COMB)
                AREA SOURCES             121              52             141              40             751
                POINT SOURCES             45             477             203               8              20

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             121              52             141              40             751
                POINT SOURCES             45             477             203               8              20

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                     173               1               0               0               0
```

POINT SOURCES	8	0	179	0	14
TOTAL (COMM-INST)					
AREA SOURCES	537	907	3743	193	532
POINT SOURCES	148	823	3363	45	281
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2133	1731	32623	9487	8464
POINT SOURCES	3852	28082	59120	577	3839
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	7	125	278	0	12
TOTAL (ELEC GEN)	7	125	278	0	12
INDUSTRIAL FUEL					
DISTILLATE OIL	5	2	67	5	15
NATURAL GAS	34	53	1058	99	267
GASOLINE	0	0	0	0	8
TOTAL (INDUSTRIAL)	39	55	1125	104	290
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	0	0	66	25	8
ENGINE-TESTING					
TOTAL (ENG TESTNG)	10	12	14	48	68
TOTAL (INTERNAL COMB)	56	192	1483	177	378
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2133	1731	32623	9487	8464
POINT SOURCES	3908	28274	60603	754	4217
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	834	13957	2404	1204	6179
FOOD/AGRICULTURAL	694	0	331	392	18
PRIMARY METAL	9	0	0	132	0
SECONDARY METALS	132	107	804	493	407
MINERAL PRODUCTS	2198	3220	7441	67	734
PETROLEUM INDUSTRY	1757	24283	18364	11393	1198
WOOD PRODUCTS	236	0	55	706	0
ORGANIC SOLVENT EVAPORATION	2	0	0	17045	3
PETROLEUM STORAGE/TRANSPORT	0	223	0	30562	0
OTHER/NOT CLASSIFIED	223	43	558	3822	5350
TOTAL (INDUSTRIAL)	6085	41833	29957	65816	13889
SOLID WASTE DISPOSAL					
*********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	9	1	0	3	12
OTHER INCINERATION	8	0	171	0	0
TOTAL (GOVERNMENT)	17	1	171	3	12
RESIDENTIAL (AREA)					
ON SITE INCINERATION	5599	86	175	15751	47250
OPEN BURNING	1989	73	508	2681	8511

```
  TOTAL                          14930        27397        27723        18091        149938
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:06 COLORADO       AQCR:035 GRAND MESA                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               21             39              2             21             97
         DISTILLATE OIL                 5             73             30              0              8
         NATURAL GAS                   34              1            288             28             72
         WOOD                          38              0              0              7            279
         TOTAL (RESIDENTIAL)           98            113            320             56            456

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              382           5619           4019             67            223
         DISTILLATE OIL                 0              1              1              0              0
         NATURAL GAS                    4              1            871              1             21
         TOTAL (ELEC GEN)             386           5621           4891             68            244

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              73            108             73              1              4
         RESIDUAL OIL
            AREA SOURCES               16            199             58              1              4
         DISTILLATE OIL
            AREA SOURCES                1             30             26              1              3
            POINT SOURCES               7              7             14              6              0
         NATURAL GAS
            AREA SOURCES               15              0           1682            602            219
            POINT SOURCES             161             74            139             54              0
         PROCESS GAS
            POINT SOURCES               5           1369              9              0              5
         LIQUID PETROL GAS
            POINT SOURCES               0             29              2              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               32            229           1766            604            226
            POINT SOURCES             246           1587            237             61              9

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               2              3              3              0              0
         RESIDUAL OIL
            AREA SOURCES               40            490            144              1             11
         DISTILLATE OIL
            AREA SOURCES                0              8              3              0              0
            POINT SOURCES               0              3              1              0              0
         NATURAL GAS
```

```
     ON SITE INCINERATION
           AREA SOURCES             2          0          0          2          3
     OPEN BURNING
           AREA SOURCES             1          0          0          1          5
     TOTAL (INDUSTRIAL)
           AREA SOURCES             3          0          0          3          8

  TOTAL (SOLID WASTE DISP)
           AREA SOURCES          1080         30        166       2160       6614

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES     10228        346       6132      19400     214551
        LIGHT DUTY TRUCKS        2929        144       2325       6631      68732
        HEAVY DUTY VEHICLES       377         30        636       1806      30451
        OFF HIGHWAY                28         12        256        922       9882
        TOTAL (GASOLINE)        13562        532       9349      28759     323616

     DIESEL

        HEAVY DUTY VEHICLES       623        259       2613        783       1762
        OFF HIGHWAY               283        235       2858        420        846
        RAIL                      193        437       2835        720        997
        TOTAL (DIESEL)           1099        931       8306       1923       3605

  AIRCRAFT

     MILITARY                    1128        106        678       2007       3614
     CIVIL                          1          0          2         33       1548
     COMMERCIAL                     8         18        165        184        411
     TOTAL (AIRCRAFT)            1137        124        845       2224       5573

  VESSELS

     GASOLINE                       0          0          4        220        684
     TOTAL (VESSELS)                0          0          4        220        684

  TOTAL (TRANSPORTATION)        15798       1587      18504      33126     333478

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES               1034         10        244       1461       8519
  FOREST MANAGED BURNING          563          5        112        505       3151
  STRUCTURAL FIRES                121          0         14         90        495
  GASOLINE STA EVAP LOSS            0          0          0       2896          0
  SOLVENT EVAPORATION LOSS          0          0          0       8162          0
  UNPAVED ROADS                218164          0          0          0          0
  UNPAVED AIRSTRIPS                22          0          0          0          0
  TOTAL (MISCELLANEOUS)        219904         15        370      13114      12165

GRAND TOTAL
***********

  AREA SOURCES                 237035       2606      23342      49668     353305

  POINT SOURCES                 15022      46570      44010       4150      36660

  TOTAL                        252057      49176      67352      53818     389965
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              *******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:07 CONNECTICUT    AQCR:041 EASTERN CONNECTICUT                     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES          SOX              NOX              HC               CO
                                ************     ************     ************     ************     ************
                                 TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                3                8                0                0               26
            DISTILLATE OIL               149             1720             1075               59              299
            NATURAL GAS                   21                1              172               17               43
            WOOD                         354                7               14               71             2547
            TOTAL (RESIDENTIAL)          527             1736             1261              147             2915

        ELEC GENERATION (POINT)

            RESIDUAL OIL                  61             1089             1438               14               68
            DISTILLATE OIL                40             1436              599               20              100
            TOTAL (ELEC GEN)             101             2525             2037               34              168

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              17              109               29                1                2
            RESIDUAL OIL
                AREA SOURCES             152              278              525                9               44
                POINT SOURCES            169             2266             2117               35              176
            DISTILLATE OIL
                AREA SOURCES              11              106              129                7               19
                POINT SOURCES              3              105               33                2                7
            NATURAL GAS
                AREA SOURCES              12                0              212                7               21
                POINT SOURCES              0                0                5                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             192              493              895               24               86
                POINT SOURCES            172             2371             2155               37              183

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                POINT SOURCES             60              790              596               10               50
            DISTILLATE OIL
                AREA SOURCES              15              205              157                6               35
                POINT SOURCES              0               15                5                0                1
            NATURAL GAS
                AREA SOURCES               7                0               88                6               15
            TOTAL (COMM-INST)
                AREA SOURCES              22              205              245               12               50
                POINT SOURCES             60              805              601               10               51

        TOTAL (EXTERNAL COMB)
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	11531	339	7781	12855	123107
LIGHT DUTY TRUCKS	815	33	731	1171	9815
HEAVY DUTY VEHICLES	546	37	1138	1867	25582
OFF HIGHWAY	22	12	222	798	8555
TOTAL (GASOLINE)	12914	421	9872	16691	167059
DIESEL					
HEAVY DUTY VEHICLES	779	295	2939	481	1371
OFF HIGHWAY	316	265	3194	469	945
RAIL	56	128	831	211	292
TOTAL (DIESEL)	1151	688	6964	1161	2608
AIRCRAFT					
MILITARY	11	1	7	20	37
CIVIL	0	0	1	10	447
COMMERCIAL	64	140	1308	1463	3263
TOTAL (AIRCRAFT)	75	141	1316	1493	3747
VESSELS					
GASOLINE	0	2	6	230	724
TOTAL (VESSELS)	0	2	6	230	724
TOTAL (TRANSPORTATION)	14140	1252	18158	19575	174138
MISCELLANEOUS (AREA) ********************					
STRUCTURAL FIRES	216	1	26	162	881
GASOLINE STA EVAP LOSS	0	0	0	1875	0
SOLVENT EVAPORATION LOSS	0	0	0	12288	0
TOTAL (MISCELLANEOUS)	216	1	26	14325	881
GRAND TOTAL ***********					
AREA SOURCES	15259	2184	21078	34509	176835
POINT SOURCES	3271	20704	10948	3315	7763
TOTAL	18530	22888	32026	37824	184598

```
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:10 FLORIDA        AQCR:048 CENTRAL FLORIDA

                              PARTICULATES        SOX            NOX             HC              CO
                              ************    ************   ************    ************    ************
                               TONS / YR       TONS / YR      TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 17            199            124               7              35
         NATURAL GAS                    24              0            188              18              45
         WOOD                           35              0              0               7             252
         TOTAL (RESIDENTIAL)            76            199            312              32             332

      ELEC GENERATION (POINT)

         LIGNITE                         0              0              4               0               0
         RESIDUAL OIL                 2831          51081          31362             267            1281
         NATURAL GAS                    97              8          12006              17             229
         TOTAL (ELEC GEN)             2928          51089          43372             284            1510

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               252           1451            381              12              25
         RESIDUAL OIL
            POINT SOURCES               15             31            123               2              27
         DISTILLATE OIL
            AREA SOURCES                16            166            202              11              28
            POINT SOURCES                0              2              2               0               1
         NATURAL GAS
            AREA SOURCES                 9              0           1174             433             156
         TOTAL (INDUSTRIAL)
            AREA SOURCES               277           1617           1757             456             209
            POINT SOURCES               15             33            125               2              28

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                77           1010            273               4              22
            POINT SOURCES                6             72             17               0               1
         DISTILLATE OIL
            AREA SOURCES                12            169            128               6              29
            POINT SOURCES                9             36            111               5              51
         NATURAL GAS
            AREA SOURCES                 0              0             14               0               2
            POINT SOURCES               10              0            126               6              18
         TOTAL (COMM-INST)
            AREA SOURCES                89           1179            415              10              53
            POINT SOURCES               25            108            254              11              70

      TOTAL (EXTERNAL COMB)
```

AREA SOURCES	76	190	49	1	21
POINT SOURCES	1343	3221	1107	290	18079
WOOD					
AREA SOURCES	625	105	814	158	225
POINT SOURCES	156869	33943	190505	61935	69082
LIQUID PETROL GAS					
POINT SOURCES	133	809	782	20	132
BAGASSE					
POINT SOURCES	26592	365	5839	6376	4058
OTHER					
POINT SOURCES	1461	22497	3070	298	540
TOTAL (INDUSTRIAL)					
AREA SOURCES	146030	828540	2302627	753330	291632
POINT SOURCES	897146	3204725	1860424	112874	322329
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	5845	14111	6083	0	464
POINT SOURCES	4193	3201	1297	30	1213
BITUMINOUS COAL					
AREA SOURCES	3270	8946	1833	96	353
POINT SOURCES	51313	116335	27009	1849	4947
LIGNITE					
POINT SOURCES	2478	2212	460	91	245
RESIDUAL OIL					
AREA SOURCES	21275	233678	74992	1163	6122
POINT SOURCES	12349	172699	62420	1061	5104
DISTILLATE OIL					
AREA SOURCES	3976	64255	46016	1967	10338
POINT SOURCES	2400	48022	14807	937	2974
NATURAL GAS					
AREA SOURCES	10995	496	132734	8625	22201
POINT SOURCES	2556	524	63894	2504	4410
WOOD					
AREA SOURCES	41	1	41	1	1
POINT SOURCES	654	638	1864	558	2461
LIQUID PETROL GAS					
POINT SOURCES	18	37	85	134	13
OTHER					
POINT SOURCES	1019	3150	1735	120	340
TOTAL (COMM-INST)					
AREA SOURCES	45402	321487	261699	11852	39479
POINT SOURCES	76980	346818	173571	7284	21707
TOTAL (EXTERNAL COMB)					
AREA SOURCES	373163	1381046	2910433	824796	1407930
POINT SOURCES	2711085	22570607	9520458	226654	717854
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	9013	75569	101646	5458	14923
NATURAL GAS	2528	1362	187967	49278	19677
DIESEL	268	303	5968	301	825
OTHER	547	187	7803	547	1580
TOTAL (ELEC GEN)	12356	77421	303384	55584	37005
INDUSTRIAL FUEL					
DISTILLATE OIL	1268	5811	17785	2174	5198
NATURAL GAS	3217	3174	778611	162429	120780
GASOLINE	376	21	387	661	15149
DIESEL FUEL	385	359	5894	648	1279

```
*** CO2 ***                                                                                                               *** CO2 ***
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               2537              6164               7677              2235             11058
                POINT SOURCES              1697              2741               4847               506               567

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   30               331                  1              1587             25130
    FOOD/AGRICULTURAL                       101                 0                  0                 0                 0
    PRIMARY METAL                            78                 0                  0                 0                 0
    SECONDARY METALS                         28              2910                  0                 0                 0
    MINERAL PRODUCTS                        333                 0                114                 0                 0
    WOOD PRODUCTS                          1690              1749                659                 0             13503
    OTHER/NOT CLASSIFIED                     23                 0                  0             10739                 0
    TOTAL (INDUSTRIAL)                     2283              4990                774             12326             38633

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                304                 3                 10               861              2584
        OPEN BURNING                        813                30                207              1097              3478
        TOTAL (RESIDENTIAL)                1117                33                217              1958              6062

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                 11                 0                  2                20                46
        TOTAL (COMM-INST)
                AREA SOURCES                 11                 0                  2                20                46

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                 0                 0                  2                 0                 0
        OPEN BURNING
                AREA SOURCES                 17                 0                  5                26               100
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 17                 0                  5                26               100
                POINT SOURCES                 0                 0                  2                 0                 0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               1145                33                224              2004              6208
                POINT SOURCES                 0                 0                  2                 0                 0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            8869               376               8942             13032            110129
            LIGHT DUTY TRUCKS              1774               111               2430              3172             23442
            HEAVY DUTY VEHICLES             602                51               1659              2283             30537
            OFF HIGHWAY                      38                20                378              1357             14552
            TOTAL (GASOLINE)              11283               558              13409             19844            178660

        DIESEL

            HEAVY DUTY VEHICLES            1116               494               4563               607              1801
            OFF HIGHWAY                     320               268               3248               477               960
            RAIL                             22                49                318                80               113
            TOTAL (DIESEL)                 1458               811               8129              1164              2874
```

*** C03 *** *** C03 ***

```
*** C04 ***                                                                            *** C04 ***
      ELECTRIC GENERATION

         NATURAL GAS                   138             5          4085           415          1138
         TOTAL (ELEC GEN)              138             5          4085           415          1138

      INDUSTRIAL FUEL

         DISTILLATE OIL                 13            12           182            15            40
         NATURAL GAS                    86             5          6687          1936          1444
         DIESEL FUEL                    39             3           549            42           119
         TOTAL (INDUSTRIAL)            138            20          7418          1993          1603

      TOTAL (INTERNAL COMB)            276            25         11503          2408          2741

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               436           443          2888           149          2025
            POINT SOURCES              328            77         14703          2414          2828

INDUSTRIAL PROCESS (POINT)
**************************

   MINERAL PRODUCTS                    120             0             0             0             0
   PETROLEUM INDUSTRY                   20             0           227             6            20
   ORGANIC SOLVENT EVAPORATION           0             0             0           275             0
   PETROLEUM STORAGE/TRANSPORT           0             0             0         21283             0
   TOTAL (INDUSTRIAL)                  140             0           227         21564            20

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION             0             0             0             1             1
      TOTAL (GOVERNMENT)                 0             0             0             1             1

   TOTAL (SOLID WASTE DISP)
            POINT SOURCES                0             0             0             1             1

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          2778           118          2947          4090         37339
         LIGHT DUTY TRUCKS            1647           100          2483          3268         26302
         HEAVY DUTY VEHICLES           216            20           737           892         12165
         OFF HIGHWAY                     7             3            66           235          2525
         TOTAL (GASOLINE)             4648           241          6233          8485         78331

      DIESEL

         HEAVY DUTY VEHICLES           284           130          1466           198           515
         OFF HIGHWAY                   171           143          1725           254           510
         RAIL                           16            37           235            59            82
         TOTAL (DIESEL)                471           310          3426           511          1107

   AIRCRAFT

      MILITARY                         312            30           188           556          1001
      CIVIL                              3             2             5            79          3623
      COMMERCIAL                        35            76           717           802          1789
      TOTAL (AIRCRAFT)                 350           108           910          1437          6413
```

```
*** C05 ***                                                                                          *** C05 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE EMISSIONS REPORT                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
**************************                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 03:ARIZONA                                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                 PARTICULATES         SOX           NOX            HC            CO
                                 ************    ************  ************  ************  ************
                                  TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                     8             177            73             3            20
         NATURAL GAS                      166               7          1319           131           331
         WOOD                            2650              51           108           531         19071
         TOTAL (RESIDENTIAL)             2824             235          1500           665         19422

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                18022           67551         93272          1478         23879
         RESIDUAL OIL                     937           11635         10412            99           496
         DISTILLATE OIL                    18             832           356            14            94
         NATURAL GAS                      193              11         13123            18           330
         TOTAL (ELEC GEN)               19170           80029        117163          1609         24799

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 9312           32755         17241           518          1121
         RESIDUAL OIL
            POINT SOURCES                 134            2749           451             9            38
         DISTILLATE OIL
            AREA SOURCES                  125            1777          1438            76           206
            POINT SOURCES                   2              54            26             1             6
         NATURAL GAS
            AREA SOURCES                  107               6         24629          9801          3347
            POINT SOURCES                  62             950          1892            10            67
         WOOD
            POINT SOURCES                 442              92           622           125           125
         OTHER
            POINT SOURCES                   1              18            21             1             4
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 9544           34538         43308         10395          4674
            POINT SOURCES                 641            3863          3012           146           240

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                 111             176           185             3            10
         RESIDUAL OIL
            AREA SOURCES                   60             893           209             3            16
         DISTILLATE OIL
            AREA SOURCES                   21             486           248             9            57
            POINT SOURCES                   0               4             1             0             0
         NATURAL GAS
```

```
*** C06 ***                                                                                                   *** C06 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          2792          148          2590          6507          66572
         LIGHT DUTY TRUCKS            1798          140          2174          4566          42156
         HEAVY DUTY VEHICLES           159           18           399           759          12832
         OFF HIGHWAY                     9            5            97           351           3763
         TOTAL (GASOLINE)             4758          311          5260         12183         125323

      DIESEL

         HEAVY DUTY VEHICLES           711          377          3467           774           1869
         OFF HIGHWAY                    68           57           690           102            204
         RAIL                           64          145           938           238            330
         TOTAL (DIESEL)                843          579          5095          1114           2403

   AIRCRAFT

      MILITARY                           4            0             2             7             12
      CIVIL                              1            0             1            26           1202
      COMMERCIAL                        17           36           340           380            847
      TOTAL (AIRCRAFT)                  22           36           343           413           2061

   VESSELS

      GASOLINE                           0            3            14           569           1790
      TOTAL (VESSELS)                    0            3            14           569           1790

   TOTAL (TRANSPORTATION)             5623          929         10712         14279         131577

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   2220           19           522          3134          18284
   FOREST MANAGED BURNING             7801           58          1560          7020          43680
   STRUCTURAL FIRES                     48            0             6            35            193
   GASOLINE STA EVAP LOSS                0            0             0          1773              0
   SOLVENT EVAPORATION LOSS              0            0             0          2943              0
   UNPAVED ROADS                    169490            0             0             0              0
   UNPAVED AIRSTRIPS                   224            0             0             0              0
   TOTAL (MISCELLANEOUS)            179783           77          2088         14905          62157

GRAND TOTAL
***********

   AREA SOURCES                     188342         2683         15077         30916         211446

   POINT SOURCES                     21158        69882         81263          1677          35393

   TOTAL                            209500        72565         96340         32593         246839
```

```
*** C07 ***                                                                                          *** C07 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        **********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        ***********************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY   JANUARY 26, 1982
******************************                                     AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:04 ARKANSAS       AQCR:017 METROPOLITAN FORT SMITH          POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                              PARTICULATES         SOX             NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
****************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  0              10               7               0               3
         NATURAL GAS                    46               3             370              37              92
         WOOD                          340               7              14              69            2439
         TOTAL (RESIDENTIAL)           386              20             391             106            2534

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               943            9375           21768             218             726
         DISTILLATE OIL                  0              27              19               1               3
         TOTAL (ELEC GEN)              943            9402           21787             219             729

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               251            2661             467              13              31
         RESIDUAL OIL
            AREA SOURCES                23             305              76               1               6
         NATURAL GAS
            AREA SOURCES                25               1            3357            1251             446
            POINT SOURCES                3               0              45               1               4
         WOOD
            POINT SOURCES               24               6              40               8               8
         TOTAL (INDUSTRIAL)
            AREA SOURCES               299            2967            3900            1265             483
            POINT SOURCES               27               6              85               9              12

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                 2               4               2               0               0
         RESIDUAL OIL
            AREA SOURCES                37             533             134               2              12
         DISTILLATE OIL
            AREA SOURCES                 1              19              15               0               3
         NATURAL GAS
            AREA SOURCES                28               2             333              22              55
         TOTAL (COMM-INST)
            AREA SOURCES                68             558             484              24              70

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               753            3545            4775            1395            3087
            POINT SOURCES              970            9408           21872             228             741
```

*** C08 ***

*** C08 ***

```
*** C09 ***                                                                                   *** C09 ***
    TOTAL (INDUSTRIAL)                173          1          0          0          0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           25          0          1         70        207
        OPEN BURNING                   10          0          3         13         41
        TOTAL (RESIDENTIAL)            35          0          4         83        248

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           35          0          4         83        248

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       299         22        471        687       4333
            LIGHT DUTY TRUCKS         177         18        336        329       2235
            HEAVY DUTY VEHICLES        15          3         71         50        862
            OFF HIGHWAY                 1          1         16         55        596
            TOTAL (GASOLINE)          492         44        894       1121       8026

        DIESEL

            HEAVY DUTY VEHICLES        36         20        193         20         61
            OFF HIGHWAY                 4          3         45          6         14
            RAIL                        4          9         58         14         21
            TOTAL (DIESEL)             44         32        296         40         96

    AIRCRAFT

        CIVIL                           0          0          0          6        270
        TOTAL (AIRCRAFT)                0          0          0          6        270

    VESSELS

        GASOLINE                        0          8         29       1182       3716
        TOTAL (VESSELS)                 0          8         29       1182       3716

    TOTAL (TRANSPORTATION)            536         84       1219       2349      12108

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  474          4        111        669       3902
    STRUCTURAL FIRES                    5          0          1          4         24
    GASOLINE STA EVAP LOSS              0          0          0        452          0
    SOLVENT EVAPORATION LOSS            0          0          0        300          0
    UNPAVED ROADS                     803          0          0          0          0
    TOTAL (MISCELLANEOUS)            1282          4        112       1425       3926

GRAND TOTAL
***********

    AREA SOURCES                     1974        140       1476       3897      17033

    POINT SOURCES                     218        478        203          8         20

    TOTAL                            2192        618       1679       3905      17053
```

```
*** C10 ***                                                                                                                *** C10 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 **********************************

STATE/AQCR EMISSIONS REPORT                                                                     RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                                        AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:05 CALIFORNIA      AQCR:027 NORTHEAST PLATEAU                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES           SOX               NOX                 HC                CO
                                   ************       ************      ************      ************      ************
                                    TONS / YR         TONS / YR          TONS / YR         TONS / YR          TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                     6                93                 38                 3                11
            NATURAL GAS                       18                 1                147                15                37
            WOOD                             231                 5                  9                46              1665
            TOTAL (RESIDENTIAL)              255                99                194                64              1713

        ELEC GENERATION (POINT)

            OTHER                            405                41                270                54                54
            TOTAL (ELEC GEN)                 405                41                270                54                54

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES                  1                18                 27                 0                 2
            NATURAL GAS
                AREA SOURCES                   5                 0                818               315               110
            WOOD
                POINT SOURCES               2287               591               2294              1184             10165
            TOTAL (INDUSTRIAL)
                AREA SOURCES                   5                 0                818               315               110
                POINT SOURCES               2288               609               2321              1184             10167

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                POINT SOURCES                  1                18                  8                 0                 1
            RESIDUAL OIL
                AREA SOURCES                  17                48                 62                 1                 4
            DISTILLATE OIL
                AREA SOURCES                   1                20                 10                 0                 2
                POINT SOURCES                  0                 4                  3                 0                 1
            NATURAL GAS
                AREA SOURCES                   2                 0                 30                 2                 5
            LIQUID PETROL GAS
                POINT SOURCES                  1                10                  7                 0                 0
            TOTAL (COMM-INST)
                AREA SOURCES                  20                68                102                 3                11
                POINT SOURCES                  2                32                 18                 0                 2

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                 280               167               1114               382              1834
                POINT SOURCES               2695               682               2609              1238             10223
```

```
*** C11 ***                                                                                              *** C11 ***
         TOTAL (RESIDENTIAL)                  7588          159          683        18432        55761

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                   AREA SOURCES                 51           15           24           30           68
                   POINT SOURCES                 5            0            3            2            2
         OPEN BURNING
                   AREA SOURCES                 13            0            5           25           65
         TOTAL (COMM-INST)
                   AREA SOURCES                 64           15           29           55          133
                   POINT SOURCES                 5            0            3            2            2

     INDUSTRIAL

         ON SITE INCINERATION
                   AREA SOURCES                 70           15           15           62           93
                   POINT SOURCES               226            5           47          348         3720
         OPEN BURNING
                   AREA SOURCES                100            5           34          175          618
         TOTAL (INDUSTRIAL)
                   AREA SOURCES                170           20           49          237          711
                   POINT SOURCES               226            5           47          348         3720

     TOTAL (SOLID WASTE DISP)
                   AREA SOURCES               7822          194          761        18724        56605
                   POINT SOURCES               248            6          221          353         3734

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

              LIGHT DUTY VEHICLES           135087         4088        87451       160056      1292039
              LIGHT DUTY TRUCKS              22836          969        18119        24259       219739
              HEAVY DUTY VEHICLES             4457          309         9012        11841       198124
              OFF HIGHWAY                      274          144         2709         9759       104649
              TOTAL (GASOLINE)              162654         5510       117291       205915      1814551

         DIESEL

              HEAVY DUTY VEHICLES            12734         4866        42411         7094        21193
              OFF HIGHWAY                      428          358         4326          637         1279
              RAIL                             716         1631        10582         2689         3718
              TOTAL (DIESEL)                 13878         6855        57319        10420        26190

     AIRCRAFT

         MILITARY                              353           34          211          628         1131
         CIVIL                                  17           10           23          360        16499
         COMMERCIAL                            110          241         2249         2517         5611
         TOTAL (AIRCRAFT)                      480          285         2483         3505        23241

     VESSELS

         DIESEL FUEL                           465          581         4345         1140         1521
         RESIDUAL OIL                         1207        15917         2615          182           88
         GASOLINE                                0           67          247         9965        31307
         TOTAL (VESSELS)                      1672        16565         7207        11287        32916

     TOTAL (TRANSPORTATION)                 178684        29215       184300       231127      1896898

MISCELLANEOUS (AREA)
********************
```

```
*** C13 ***                                                                                               *** C13 ***
                AREA SOURCES                 9             0            125             7            21
                POINT SOURCES               25             1            411            13            48
            TOTAL (COMM-INST)
                AREA SOURCES                49           498            272             8            32
                POINT SOURCES               27             7            415            13            48

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               179           840           2358           668           714
                POINT SOURCES              659          7215           5543           142           301

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                   2            14             28             2             6
            NATURAL GAS                      4             0            120            12            33
            TOTAL (ELEC GEN)                 6            14            148            14            39

        INDUSTRIAL FUEL

            NATURAL GAS                      0             0             41            17             5
            TOTAL (INDUSTRIAL)               0             0             41            17             5

        TOTAL (INTERNAL COMB)                6            14            189            31            44

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               179           840           2358           668           714
                POINT SOURCES              665          7229           5732           173           345

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   7           833              0             0             0
    FOOD/AGRICULTURAL                        1             0              0             0             0
    SECONDARY METALS                         2             0              0             0            29
    MINERAL PRODUCTS                      1476          2132           2083            74            49
    PETROLEUM INDUSTRY                      38            24              2           312           452
    ORGANIC SOLVENT EVAPORATION              0             0              0            30             0
    OTHER/NOT CLASSIFIED                     4           355              0             1             4
    TOTAL (INDUSTRIAL)                    1528          3344           2085           417           534

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               152             1              5           424          1267
        OPEN BURNING                       164             4             41           218           697
        TOTAL (RESIDENTIAL)                316             5             46           642          1964

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 2             0              1             1             4
                POINT SOURCES               30             1              6            43           493
        TOTAL (COMM-INST)
                AREA SOURCES                 2             0              1             1             4
                POINT SOURCES               30             1              6            43           493

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               318             5             47           643          1968
                POINT SOURCES               30             1              6            43           493

TRANSPORTATION (AREA)
*********************
```

*** C14 ***

```
*** C15 ***                                                                                   *** C15 ***
                AREA SOURCES              741          2434          2401           183          3051
                POINT SOURCES             333          5701          4793            81           402

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL                 1             2            11             1             2
             OTHER                         35            43           475            39           108
             TOTAL (ELEC GEN)              36            45           486            40           110

         TOTAL (INTERNAL COMB)             36            45           486            40           110

     TOTAL (FUEL COMBUSTION)

                AREA SOURCES              741          2434          2401           183          3051
                POINT SOURCES             369          5746          5279           121           512

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING               440             0             0           981            66
     SECONDARY METALS                      24             0             0             0             0
     MINERAL PRODUCTS                      62             0             0             0             0
     WOOD PRODUCTS                         19             0             0             0             0
     ORGANIC SOLVENT EVAPORATION           25             0             0         15427             0
     PETROLEUM STORAGE/TRANSPORT            0             0             0           436             0
     TEXTILE MANUFACTURING                 16             0             0            88             0
     OTHER/NOT CLASSIFIED                  14             0             0           674             0
     TOTAL (INDUSTRIAL)                   600             0             0         17606            66

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

         MUNICIPAL INCINERATION            11             1             1             1            13
         TOTAL (GOVERNMENT)                11             1             1             1            13

     RESIDENTIAL (AREA)

         ON SITE INCINERATION             290             4             9           816          2446
         OPEN BURNING                     445            16           114           600          1904
         TOTAL (RESIDENTIAL)              735            20           123          1416          4350

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                AREA SOURCES                1             0             1             1             2
         TOTAL (COMM-INST)
                AREA SOURCES                1             0             1             1             2

     INDUSTRIAL

         ON SITE INCINERATION
                POINT SOURCES              62            22            26            27            88
         TOTAL (INDUSTRIAL)
                POINT SOURCES              62            22            26            27            88

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES              736            20           124          1417          4352
                POINT SOURCES              73            23            27            28           101

TRANSPORTATION (AREA)
*********************
```

```
*** C16 ***                                                                                          *** C16 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE EMISSIONS REPORT                                                 RUN DATE:   TUESDAY    JANUARY 26, 1982
**********************                                      AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE 08:DELAWARE                                          POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                             PARTICULATES          SOX             NOX              HC              CO
                             ************     ************    ************     ************    ************
                              TONS / YR        TONS / YR       TONS / YR        TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              14               38               4               4             129
         DISTILLATE OIL               95             1085             678              38             188
         NATURAL GAS                  40                2             321              33              80
         WOOD                        138                3               6              28             990
         TOTAL (RESIDENTIAL)         287             1128            1009             103            1387

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           23681            32585           13980             144             481
         RESIDUAL OIL                725            26022           15938             152             759
         DISTILLATE OIL                5              155             113               4              19
         NATURAL GAS                  11                1            1497               3              44
         PROCESS GAS                   6                0            1699               2              41
         OTHER                       170            27383            2393               4             133
         TOTAL (ELEC GEN)          24598            86146           35620             309            1477

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              18               48              21               0               1
         BITUMINOUS COAL
            AREA SOURCES             467             2964             780              23              51
         RESIDUAL OIL
            POINT SOURCES           1068            14248            4155              69             346
         DISTILLATE OIL
            POINT SOURCES             31              505             256              11              58
         NATURAL GAS
            AREA SOURCES              27                2             477               8              45
            POINT SOURCES            239                1             669              12              47
         TOTAL (INDUSTRIAL)
            AREA SOURCES             512             3014            1278              31              97
            POINT SOURCES           1338            14754            5080              92             451

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              47              114              49               0               4
            POINT SOURCES              2                4               2               0               0
         RESIDUAL OIL
            AREA SOURCES             433             5634            1519              25             126
            POINT SOURCES            155             2046             625              10              52
```

*** C17 *** *** C17 ***

*** C18 *** *** C18 ***

AREA SOURCES	442	2995	2484	498	594
POINT SOURCES	2968	51230	43751	297	1608
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	211	1870	3003	247	610
NATURAL GAS	20	1	3010	1236	383
TOTAL (ELEC GEN)	231	1871	6013	1483	993
TOTAL (INTERNAL COMB)	231	1871	6013	1483	993
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	442	2995	2484	498	594
POINT SOURCES	3199	53101	49764	1780	2601
INDUSTRIAL PROCESS (POINT) ***************************					
FOOD/AGRICULTURAL	192	100	0	0	2
MINERAL PRODUCTS	20	0	0	0	0
WOOD PRODUCTS	9	0	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	3241	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1429	0
METAL FABRICATION	17	0	0	40	0
OTHER/NOT CLASSIFIED	0	20	0	0	0
TOTAL (INDUSTRIAL)	238	120	0	4710	2
SOLID WASTE DISPOSAL *********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	16	0	0	49	149
TOTAL (RESIDENTIAL)	16	0	0	49	149
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	0	0	0	0	2
POINT SOURCES	64	8	36	32	112
TOTAL (COMM-INST)					
AREA SOURCES	0	0	0	0	2
POINT SOURCES	64	8	36	32	112
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	8	1	1	7	10
POINT SOURCES	7	1	1	1	3
TOTAL (INDUSTRIAL)					
AREA SOURCES	8	1	1	7	10
POINT SOURCES	7	1	1	1	3
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	24	1	1	56	161
POINT SOURCES	71	9	37	33	115
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					

```
          OTHER                               0              0              4              0              1
          TOTAL (INDUSTRIAL)               5246           9365         802681         165912         142407

      COMM-INSTITUTIONAL

          TOTAL (COMM-INST)                  73             63           1036            103            237

      ENGINE-TESTING

          TOTAL (ENG TESTNG)                524            465           2039           1553           2645

      TOTAL (INTERNAL COMB)               18199          87314        1109140         223152         182294

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES               373163        1381046        2910433         824796        1407930
              POINT SOURCES             2729284       22657921       10629598         449806         900148

INDUSTRIAL PROCESS (POINT)
****************************

   CHEMICAL MANUFACTURING                263552         989058         133480        1167902        2648126
   FOOD/AGRICULTURAL                     619413           6096           2754          58690           2469
   PRIMARY METAL                         523298        2790132          75826         157299        2787985
   SECONDARY METALS                      108300          67549          16995          16853         575356
   MINERAL PRODUCTS                     1570323         581328         200491          26896          55114
   PETROLEUM INDUSTRY                    107379         857973         367903         571945        1625552
   WOOD PRODUCTS                         224432         150105          50345          40623         774000
   ORGANIC SOLVENT EVAPORATION            17195            530           3078        1917546           4653
   PETROLEUM STORAGE/TRANSPORT             3701           5243           1079        1189678             48
   METAL FABRICATION                       8459            374           1993          72937            597
   TEXTILE MANUFACTURING                   1442            848            273          35193             20
   OTHER/NOT CLASSIFIED                  142950         173474          39331         295104          55390
   TOTAL (INDUSTRIAL)                   3590444        5622710         893548        5550666        8529310

SOLID WASTE DISPOSAL
*********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION             39207           9679           9790          11297         118080
       OPEN BURNING                        9283            553           3433          17260          48214
       OTHER INCINERATION                 10055           2014           2571            633           2032
       TOTAL (GOVERNMENT)                 58545          12246          15794          29190         168326

   RESIDENTIAL (AREA)

       ON SITE INCINERATION              116779           1587           3475         328498         985518
       OPEN BURNING                      249819           9284          63926         336982        1068747
       TOTAL (RESIDENTIAL)               366598          10871          67401         665480        2054265

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES               21728           6694          10340          12627          30015
               POINT SOURCES               9975           3967          14331           6551          18611
       OPEN BURNING
               AREA SOURCES                 730             11            189           1401           3468
               POINT SOURCES                106              4             31            168            735
       TOTAL (COMM-INST)
               AREA SOURCES               22458           6705          10529          14028          33483
               POINT SOURCES              10081           3971          14362           6719          19346

   INDUSTRIAL

       ON SITE INCINERATION
```

AIRCRAFT					
MILITARY	2686	253	1615	4779	8606
CIVIL	0	0	1	20	882
COMMERCIAL	4	8	75	84	188
TOTAL (AIRCRAFT)	2690	261	1691	4883	9676
VESSELS					
GASOLINE	0	3	19	783	2459
TOTAL (VESSELS)	0	3	19	783	2459
TOTAL (TRANSPORTATION)	15431	1633	23248	26674	193669
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	3772	32	888	5323	31052
FOREST MANAGED BURNING	2399	19	480	2157	13431
AGRICULTURAL BURNING	222	0	31	263	1463
STRUCTURAL FIRES	127	0	15	95	515
GASOLINE STA EVAP LOSS	0	0	0	3213	0
SOLVENT EVAPORATION LOSS	0	0	0	14927	0
UNPAVED ROADS	33412	0	0	0	0
TOTAL (MISCELLANEOUS)	39932	51	1414	25978	46461
GRAND TOTAL ***********					
AREA SOURCES	59045	7881	32563	56891	257396
POINT SOURCES	3980	7731	5623	12832	39200
TOTAL	63025	15612	38186	69723	296596

```
*** D03 ***                                                                                                  *** D03 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                  ******************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                  *******************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                         AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:01 ALABAMA          AQCR:006 SOUTHEAST ALABAMA               POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                     PARTICULATES         SOX              NOX              HC               CO
                                     ************    ************     ************     ************     ************
                                      TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                    3              14                0                3               15
            DISTILLATE OIL                     0               4                2                0                0
            NATURAL GAS                       24               0              190               20               48
            WOOD                             618              12               26              125             4437
            TOTAL (RESIDENTIAL)              645              30              218              148             4500

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                   55            3544              111                4                9
            NATURAL GAS                        0               7              382                1                9
            OTHER                             41              22              146               29               29
            TOTAL (ELEC GEN)                  96            3573              639               34               47

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 354            2041              539               16               35
            RESIDUAL OIL
                POINT SOURCES                  1               7                1                0                0
            DISTILLATE OIL
                AREA SOURCES                  19             178              218               14               31
            NATURAL GAS
                AREA SOURCES                  22               0             2334              843              308
                POINT SOURCES                  0               0                6                0                1
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 395            2219             3091              873              374
                POINT SOURCES                  1               7                7                0                1

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                POINT SOURCES                  3              38                6                0                0
            DISTILLATE OIL
                AREA SOURCES                   1              37               29                1                6
                POINT SOURCES                  0              33                5                0                1
            NATURAL GAS
                AREA SOURCES                  10               0              121                8               21
                POINT SOURCES                  1               0               18                1                3
            WOOD
                POINT SOURCES                 31              67              443               89               89
            TOTAL (COMM-INST)
                AREA SOURCES                  11              37              150                9               27
                POINT SOURCES                 35             138              472               90               93
```

```
*** 004 ***                                                                                            *** 004 ***
    VESSELS

        DIESEL FUEL                       29           36           269           70           94
        RESIDUAL OIL                       5           70            11            1            0
        GASOLINE                           0            0             1           46          143
        TOTAL (VESSELS)                   34          106           281          117          237

    TOTAL (TRANSPORTATION)              5503          765         10850        10550        86088

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       1            0             0            1            7
    FOREST MANAGED BURNING                35            0             7           32          196
    STRUCTURAL FIRES                      42            0             4           31          170
    GASOLINE STA EVAP LOSS                 0            0             0         1203            0
    SOLVENT EVAPORATION LOSS               0            0             0         2128            0
    UNPAVED ROADS                     407922            0             0            0            0
    UNPAVED AIRSTRIPS                    360            0             0            0            0
    TOTAL (MISCELLANEOUS)             408360            0            11         3395          373

GRAND TOTAL
***********

    AREA SOURCES                      414299         1208         13749        14094        88486

    POINT SOURCES                        468           77         14930        23979         2849

    TOTAL                             414767         1285         28679        38073        91335
```

```
*** DOS ***                                                                                          *** DOS ***
          AREA SOURCES                 18          1        236        14        40
          POINT SOURCES               114          7       1464       140       230
       LIQUID PETROL GAS
          POINT SOURCES                 0          0          1         0         0
       OTHER
          POINT SOURCES                 1          1          4         0         0
       TOTAL (COMM-INST)
          AREA SOURCES                 99       1380        693        26       113
          POINT SOURCES               226        188       1655       143       240

    TOTAL (EXTERNAL COMB)
          AREA SOURCES              12467      36153      45501     11086     24209
          POINT SOURCES             20037      84080     121830      1898     25279

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

       DISTILLATE OIL                  45        159        890       192       224
       NATURAL GAS                     63         95       1869       191       521
       TOTAL (ELEC GEN)               108        254       2759       383       745

    INDUSTRIAL FUEL

       DISTILLATE OIL                  18        100        249        20        54
       NATURAL GAS                      5          0       1209       483       166
       TOTAL (INDUSTRIAL)              23        100       1458       503       220

    ENGINE-TESTING

       TOTAL (ENG TESTNG)              31         43        418        34         5

    TOTAL (INTERNAL COMB)             162        397       4635       920       970

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES              12467      36153      45501     11086     24209
          POINT SOURCES             20199      84477     126465      2818     26249

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING              270      24925        877      1054     28104
  FOOD/AGRICULTURAL                  3979          2          0        95         0
  PRIMARY METAL                      3276     963814        860         0         0
  SECONDARY METALS                    102          9        287        11       970
  MINERAL PRODUCTS                  13252       3244        813         1         3
  PETROLEUM INDUSTRY                   16        166         45         6       169
  WOOD PRODUCTS                       373       1458        436         0     10293
  ORGANIC SOLVENT EVAPORATION           5          1          4      3638        11
  PETROLEUM STORAGE/TRANSPORT           0          0          0      1714         0
  OTHER/NOT CLASSIFIED                 16        170         38         2      1275
  TOTAL (INDUSTRIAL)                21289     993789       3360      6521     40825

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

     OPEN BURNING                    2491        156        934      4671     13236
     TOTAL (GOVERNMENT)              2491        156        934      4671     13236

  RESIDENTIAL (AREA)

     ON SITE INCINERATION            2128         33         66      5988     17963
     OPEN BURNING                    1683         62        432      2269      7204
```

```
*** D07 ***                                                                                                                    *** D07 ***
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                   753              3545              4775              1395              3087
            POINT SOURCES                  970              9408             21872               228               741

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                       378                 0                 0                 0                 0
   PRIMARY METAL                           168                 0                 0                 0                 0
   MINERAL PRODUCTS                       1955                 0                 0                 0                 0
   ORGANIC SOLVENT EVAPORATION               0                 0                 0               727                 0
   METAL FABRICATION                         3                 0                 0                 0                 0
   TOTAL (INDUSTRIAL)                     2504                 0                 0               727                 0

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                  73                 0                 3               206               617
      OPEN BURNING                         535                20               136               723              2290
      TOTAL (RESIDENTIAL)                  608                20               139               929              2907

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                    17                 5                 9                 9                23
      TOTAL (COMM-INST)
            AREA SOURCES                    17                 5                 9                 9                23

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                    10                 2                 2                10                14
      OPEN BURNING
            AREA SOURCES                     4                 0                 1                 5                20
      TOTAL (INDUSTRIAL)
            AREA SOURCES                    14                 2                 3                15                34

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                   639                27               151               953              2964

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              4157               172              4012              5740             49370
         LIGHT DUTY TRUCKS                1564                91              2022              2650             20117
         HEAVY DUTY VEHICLES               403                34              1072              1340             18546
         OFF HIGHWAY                        25                14               246               885              9483
         TOTAL (GASOLINE)                 6149               311              7352             10615             97516

      DIESEL

         HEAVY DUTY VEHICLES              2278              1014              9169              1178              3489
         OFF HIGHWAY                       176               148              1775               262               526
         RAIL                               77               175              1136               289               399
         TOTAL (DIESEL)                   2531              1337             12080              1729              4414

   AIRCRAFT

      MILITARY                              37                 3                22                65               117
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:04 ARKANSAS       AQCR:021 NORTHWEST ARKANSAS                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES        SOX           NOX           HC            CO
                                   ************   ************  ************  ************  ************
                                    TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    0             21            14             0             1
         NATURAL GAS                      30              0           230            24            60
         WOOD                           2136             43            84           429         15363
         TOTAL (RESIDENTIAL)            2166             64           328           453         15424

      ELEC GENERATION (POINT)

         RESIDUAL OIL                      0              0           278             3            13
         NATURAL GAS                       1              0            93             0             2
         TOTAL (ELEC GEN)                  1              0           371             3            15

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  88            911           163             3             9
         RESIDUAL OIL
            AREA SOURCES                   6             83            22             0             0
         NATURAL GAS
            AREA SOURCES                  12              0          1659           617           222
            POINT SOURCES                  0              0             1             0             0
         WOOD
            POINT SOURCES                264             16           110            22            22
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 106            994          1844           620           231
            POINT SOURCES                264             16           111            22            22

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                  13            221            57             0             2
         DISTILLATE OIL
            AREA SOURCES                   0              8             2             0             0
         NATURAL GAS
            AREA SOURCES                   9              0           129             8            25
         TOTAL (COMM-INST)
            AREA SOURCES                  22            229           188             8            27

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                2294           1287          2360          1081         15682
            POINT SOURCES                265             16           482            25            37

   TOTAL (FUEL COMBUSTION)
```

```
*** D10 ***                                                                                          *** D10 ***
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 280           167            1114            382           1834
                POINT SOURCES               2695           682            2609           1238          10223

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                         61             0               0              0              0
    SECONDARY METALS                         245             0               0              0              0
    MINERAL PRODUCTS                         117             0               0              0              0
    WOOD PRODUCTS                            216             0               0             14              0
    TOTAL (INDUSTRIAL)                       639             0               0             14              0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                          20             1               8             54            109
        TOTAL (GOVERNMENT)                    20             1               8             54            109

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  27             0               1             76            229
        OPEN BURNING                           9             0               3             13             42
        TOTAL (RESIDENTIAL)                   36             0               4             89            271

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                 48             1               7             76            897
        TOTAL (COMM-INST)
                POINT SOURCES                 48             1               7             76            897

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                642             4              73            546           5573
        TOTAL (INDUSTRIAL)
                POINT SOURCES                642             4              73            546           5573

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  36             0               4             89            271
                POINT SOURCES                710             6              88            676           6579

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             1448           119            2561           3623          22244
            LIGHT DUTY TRUCKS                698            77            1458           1410           9311
            HEAVY DUTY VEHICLES              121            18             631            363           6574
            OFF HIGHWAY                       13             6             124            447           4791
            TOTAL (GASOLINE)                2280           220            4774           5843          42920

        DIESEL

            HEAVY DUTY VEHICLES              176           104             923             94            281
            OFF HIGHWAY                       46            37             458             67            136
            RAIL                              17            40             261             66             93
            TOTAL (DIESEL)                   239           181            1642            227            510
    FOREST WILDFIRES                       721          6        170       1019       5943
    FOREST MANAGED BURNING                  30          0          6         27        164
    AGRICULTURAL BURNING                    52          0          7         61        339
    STRUCTURAL FIRES                      1334          3        158        997       5422
    GASOLINE STA EVAP LOSS                   0          0          0      24325          0
    SOLVENT EVAPORATION LOSS                 0          0          0     177915          0
    UNPAVED ROADS                        43138          0          0          0          0
    UNPAVED AIRSTRIPS                      259          0          0          0          0
    TOTAL (MISCELLANEOUS)                45534          9        341     204344      11868

GRAND TOTAL
***********

    AREA SOURCES                        234173      31149     218025     463682    1973835

    POINT SOURCES                        10241      70113      90781      66923      21840

    TOTAL                               244414     101262     308806     530605    1995675
```

```
*** D12 ***                                                                                                   *** D12 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE EMISSIONS REPORT                                                    RUN DATE:  TUESDAY    JANUARY 26, 1982
**************************                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 06:COLORADO                                           POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX           NOX            HC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               48             91             3            48           225
         DISTILLATE OIL                24            443           182             6            50
         NATURAL GAS                  526             26          4206           420          1050
         WOOD                         431              6            15            86          3105
         TOTAL (RESIDENTIAL)         1029            566          4406           560          4430

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             5444          71085         82615          1404          4590
         RESIDUAL OIL                 113           1382          1049            10            50
         DISTILLATE OIL                 3             60            49             1             8
         NATURAL GAS                  139              9         10695            33           282
         OTHER                          3              1             4             1             1
         TOTAL (ELEC GEN)            5702          72537         94412          1449          4931

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            3201           7064          9338           127           317
         LIGNITE
            POINT SOURCES               1              0             0             0             0
         RESIDUAL OIL
            AREA SOURCES              340           4089          1185            19            95
            POINT SOURCES             244            300           199             5            10
         DISTILLATE OIL
            AREA SOURCES               38            577           468            24            64
            POINT SOURCES               7             45            29             6             2
         NATURAL GAS
            AREA SOURCES              338             18         35376         12680          4631
            POINT SOURCES             494            394          6968           186           260
         PROCESS GAS
            POINT SOURCES               5           1369             9             0             5
         COKE
            POINT SOURCES              28           1692           350           289         18006
         LIQUID PETROL GAS
            POINT SOURCES               0             58             6             0             0
         BAGASSE
            POINT SOURCES              13            143           158            22             1
         OTHER
            POINT SOURCES               1             39            14             0             3
         TOTAL (INDUSTRIAL)
            AREA SOURCES              716           4684         37029         12723          4790
            POINT SOURCES            3994          11104         17071           635         18604
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2582	158	2956	6915	70807
LIGHT DUTY TRUCKS	1450	122	2057	4237	39983
HEAVY DUTY VEHICLES	173	20	480	908	15202
OFF HIGHWAY	20	10	199	721	7719
TOTAL (GASOLINE)	4225	310	5692	12781	133711
DIESEL					
HEAVY DUTY VEHICLES	417	224	2231	496	1120
OFF HIGHWAY	172	145	1739	257	515
RAIL	72	165	1068	271	375
TOTAL (DIESEL)	661	534	5038	1024	2010
AIRCRAFT					
MILITARY	3	0	1	4	7
CIVIL	0	0	1	26	1207
COMMERCIAL	6	12	113	126	280
TOTAL (AIRCRAFT)	9	12	115	156	1494
VESSELS					
GASOLINE	0	1	7	324	1014
TOTAL (VESSELS)	0	1	7	324	1014
TOTAL (TRANSPORTATION)	4895	857	10852	14285	138229
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1569	13	369	2217	12931
FOREST MANAGED BURNING	762	6	152	685	4261
STRUCTURAL FIRES	37	0	5	28	152
GASOLINE STA EVAP LOSS	0	0	0	1047	0
SOLVENT EVAPORATION LOSS	0	0	0	3124	0
UNPAVED ROADS	84884	0	0	0	0
UNPAVED AIRSTRIPS	34	0	0	0	0
TOTAL (MISCELLANEOUS)	87286	19	526	7101	17344
GRAND TOTAL ***********					
AREA SOURCES	92678	1721	13783	22697	158255
POINT SOURCES	2223	10574	7823	633	1372
TOTAL	94902	12295	21606	23330	159627

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:06 COLORADO　　AQCR:039 SAN LUIS

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	0	1	0	0	4
DISTILLATE OIL	2	54	22	1	7
NATURAL GAS	6	0	50	5	12
WOOD	204	4	8	41	1467
TOTAL (RESIDENTIAL)	212	59	80	47	1490
ELEC GENERATION (POINT)					
RESIDUAL OIL	31	377	311	3	15
NATURAL GAS	1	0	70	0	2
TOTAL (ELEC GEN)	32	377	381	3	17
INDUSTRIAL FUEL					
LIGNITE					
POINT SOURCES	1	0	0	0	0
RESIDUAL OIL					
AREA SOURCES	1	12	4	0	0
DISTILLATE OIL					
AREA SOURCES	0	4	3	0	0
POINT SOURCES	0	4	2	0	0
NATURAL GAS					
AREA SOURCES	1	0	219	79	28
POINT SOURCES	1	0	9	0	1
OTHER					
POINT SOURCES	0	2	0	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	2	16	226	79	28
POINT SOURCES	2	6	11	0	1
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	9	103	31	0	2
DISTILLATE OIL					
AREA SOURCES	0	1	0	0	0
NATURAL GAS					
AREA SOURCES	1	0	10	0	1
POINT SOURCES	0	0	3	0	0
WOOD					
POINT SOURCES	50	2	13	3	3
LIQUID PETROL GAS					
POINT SOURCES	0	0	1	0	0

```
*** D15 ***                                                                                                   *** D15 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             7780          372         9312         12411        104378
         LIGHT DUTY TRUCKS               1287           85         1993          2447         18356
         HEAVY DUTY VEHICLES              197           19          701           821         11090
         OFF HIGHWAY                       22           11          206           746          8002
         TOTAL (GASOLINE)                9286          487        12212         16425        141826

      DIESEL

         HEAVY DUTY VEHICLES              356          175         1815           229           633
         OFF HIGHWAY                      177          149         1793           263           531
         RAIL                              13           28          179            45            63
         TOTAL (DIESEL)                   546          352         3787           537          1227

   AIRCRAFT

      MILITARY                             21            2           13            38            68
      CIVIL                                 0            0            1            19           867
      COMMERCIAL                            6           14          131           146           326
      TOTAL (AIRCRAFT)                     27           16          145           203          1261

   VESSELS

      DIESEL FUEL                           4            5           36             9            13
      RESIDUAL OIL                          0            6            1             0             0
      GASOLINE                              0            8           26          1071          3361
      TOTAL (VESSELS)                       4           19           63          1080          3374

   TOTAL (TRANSPORTATION)                9863          874        16207         18245        147688

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       168            1           40           237          1380
   STRUCTURAL FIRES                       120            0           15            89           486
   GASOLINE STA EVAP LOSS                   0            0            0          1639             0
   SOLVENT EVAPORATION LOSS                 0            0            0         19845             0
   UNPAVED ROADS                          365            0            0             0             0
   TOTAL (MISCELLANEOUS)                  653            1           55         21810          1866

GRAND TOTAL
***********

   AREA SOURCES                         11993         3329        18787         41655        156957

   POINT SOURCES                         1042         5769         5306         17755           679

   TOTAL                                13035         9098        24093         59410        157636
```

```
*** D16 ***                                                                                        *** D16 ***
          DISTILLATE OIL
               AREA SOURCES                   20          281          215            9           48
               POINT SOURCES                   7          175           80            4           19
          NATURAL GAS
               AREA SOURCES                   18            1          213           14           36
               POINT SOURCES                   1            0            9            0            1
          LIQUID PETROL GAS
               POINT SOURCES                   2            0            7            0            2
          TOTAL (COMM-INST)
               AREA SOURCES                  518         6030         1996           48          214
               POINT SOURCES                 167         2225          723           14           74

       TOTAL (EXTERNAL COMB)
               AREA SOURCES                 1317        10172         4283          182         1698
               POINT SOURCES               26103       103125        41423          415         2002

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES                 1317        10172         4283          182         1698
               POINT SOURCES               26103       103125        41423          415         2002

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  6787         4479           53         3737           28
    FOOD/AGRICULTURAL                        214            0            0            0            0
    PRIMARY METAL                            263            0            0            0           54
    SECONDARY METALS                          25            0            0            0           15
    MINERAL PRODUCTS                          33            0            9            1            0
    PETROLEUM INDUSTRY                      2775         5589         2623        11916          321
    WOOD PRODUCTS                            101            0            0           26            0
    ORGANIC SOLVENT EVAPORATION                4            0            0        12385            0
    PETROLEUM STORAGE/TRANSPORT                0            0            7         1213            0
    METAL FABRICATION                          0            0            0           86            0
    TEXTILE MANUFACTURING                      0            0            0           28            0
    OTHER/NOT CLASSIFIED                       4            0            0           84            0
    TOTAL (INDUSTRIAL)                     10206        10068         2692        29476          418

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION                281           23           28           14          327
       OTHER INCINERATION                      3            0            2            0            0
       TOTAL (GOVERNMENT)                    284           23           30           14          327

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                   29            0            1           82          246
       OPEN BURNING                          708           26          181          955         3031
       TOTAL (RESIDENTIAL)                   737           26          182         1037         3277

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                     64           20           30           36           88
             POINT SOURCES                     3            0            2            1            3
       TOTAL (COMM-INST)
             AREA SOURCES                     64           20           30           36           88
             POINT SOURCES                     3            0            2            1            3

    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                     93           18           18           84          125
```

```
*** D17 ***                                                                                              *** D17 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                            ********************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                            *********************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:  TUESDAY   JANUARY 26, 1982
*****************************                                      AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:09 DIST. COLUMBIA  AQCR:047 NATIONAL CAPITAL                POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                                PARTICULATES        SOX              NOX              HC               CO
                                ************    ************     ************     ************     ************
                                 TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             21              57                6                5              193
            DISTILLATE OIL              48             556              348               19               97
            NATURAL GAS                 78               5              622               62              156
            TOTAL (RESIDENTIAL)        147             618              976               86              446

        ELEC GENERATION (POINT)

            RESIDUAL OIL                22            1813              789               11               57
            DISTILLATE OIL             267            4735             3037               39              194
            TOTAL (ELEC GEN)           289            6548             3826               50              251

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         2209            4798             2309              154              308
            RESIDUAL OIL
                POINT SOURCES           55            1221              485                8               40
            DISTILLATE OIL
                AREA SOURCES            12             115              139                8               20
                POINT SOURCES            2              38               16                1                4
            NATURAL GAS
                AREA SOURCES            56               3             1013               17               96
                POINT SOURCES            2               0              132                0                3
            OTHER
                POINT SOURCES            9             325              192                1                4
            TOTAL (INDUSTRIAL)
                AREA SOURCES            68             118             1152               25              116
                POINT SOURCES         2277            6382             3134              164              359

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                POINT SOURCES          206            5179             1995               32              166
            DISTILLATE OIL
                POINT SOURCES          120            2039             1272               53              265
            NATURAL GAS
                AREA SOURCES            40               2              477               32               80
                POINT SOURCES            3               0               50                1                5
            OTHER
                POINT SOURCES            3              44               33                0                5
            TOTAL (COMM-INST)
                AREA SOURCES            40               2              477               32               80
                POINT SOURCES          332            7262             3350               86              441
```

LIGHT DUTY VEHICLES	31509	1104	25207	38592	341819
LIGHT DUTY TRUCKS	5174	256	5496	7692	59868
HEAVY DUTY VEHICLES	1366	105	3284	4644	64399
OFF HIGHWAY	65	34	644	2319	24881
TOTAL (GASOLINE)	38114	1499	34631	53247	490967
DIESEL					
HEAVY DUTY VEHICLES	2711	1133	10209	1459	4415
OFF HIGHWAY	139	118	1422	209	421
RAIL	87	196	1273	323	448
TOTAL (DIESEL)	2937	1447	12904	1991	5284
AIRCRAFT					
MILITARY	337	31	203	600	1081
CIVIL	4	2	7	100	4572
COMMERCIAL	32	73	671	751	1674
TOTAL (AIRCRAFT)	373	106	881	1451	7327
VESSELS					
DIESEL FUEL	80	101	749	196	262
RESIDUAL OIL	36	476	78	5	3
GASOLINE	0	64	240	9666	30371
TOTAL (VESSELS)	116	641	1067	9867	30636
TOTAL (TRANSPORTATION)	41540	3693	49483	66556	534214
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	538	5	125	759	4425
FOREST MANAGED BURNING	10981	83	2197	9883	61490
STRUCTURAL FIRES	263	0	32	197	1073
GASOLINE STA EVAP LOSS	0	0	0	6429	0
SOLVENT EVAPORATION LOSS	0	0	0	31855	0
UNPAVED ROADS	52885	0	0	0	0
TOTAL (MISCELLANEOUS)	64667	88	2354	49123	66988
GRAND TOTAL ***********					
AREA SOURCES	106673	6777	54322	116233	601957
POINT SOURCES	3508	53230	49801	6523	2718
TOTAL	110181	60007	104123	122756	604675

```
*** E01 ***                                                                                                   *** E01
                AREA SOURCES          9366         1841          1841          8399          12447
                POINT SOURCES        29103        22732         10645         35546         278142
      OPEN BURNING
                AREA SOURCES          4884          145          1556          8175          29342
                POINT SOURCES         4721          245          1761         11140          38169
      TOTAL (INDUSTRIAL)
                AREA SOURCES         14250         1986          3397         16574          41789
                POINT SOURCES        33824        22977         12406         46686         316311

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES        403306        19562         81327        696082        2129537
                POINT SOURCES       102450        39194         42562         82595         503983

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       4268996       160809       3736205       5735732       50773849
         LIGHT DUTY TRUCKS          864373        50450       1085626       1443117       11411992
         HEAVY DUTY VEHICLES        219708        18858        609956        786505       11107049
         OFF HIGHWAY                 17836         9392        176108        634122        6800483
         TOTAL (GASOLINE)          5370913       239509       5607895       8599476       80093373

      DIESEL

         HEAVY DUTY VEHICLES        541838       236346       2256511        327096         925739
         OFF HIGHWAY                 89065        74627        900415        132382         266510
         RAIL                        48059       109190        708439        179948         248975
         TOTAL (DIESEL)             678962       420163       3865365        639426        1441224

   AIRCRAFT

      MILITARY                       61198         5743         36791        108855         196030
      CIVIL                            288           95           485         10892         501277
      COMMERCIAL                      3784         8316         77648         86861         193726
      TOTAL (AIRCRAFT)               65270        14154        114924        206608         891033

   VESSELS

      BITUMINOUS COAL                 9416         4472           177          1177           5295
      DIESEL FUEL                    14242        17824        132981         34936          46551
      RESIDUAL OIL                   15852       208884         34317          2382           1143
      GASOLINE                           0         2779         10855        441121        1385920
      TOTAL (VESSELS)                39510       233959        178330        479616        1438909

   TOTAL (TRANSPORTATION)          6154655       907785       9766514       9925126       83864539

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                 358944         3001         84426        506700        2955863
   FOREST MANAGED BURNING           430765         3184         86156        387651        2412127
   AGRICULTURAL BURNING              72608            0         10145         85813         477301
   STRUCTURAL FIRES                  57793           65          6728         43155         234817
   GASOLINE STA EVAP LOSS                0            0             0       1071806              0
   SOLVENT EVAPORATION LOSS              0            0             0       7361580              0
   UNPAVED ROADS                  29728728            0             0             0              0
   UNPAVED AIRSTRIPS                  9292            0             0             0              0
   TOTAL (MISCELLANEOUS)          30658130         6250        187455       9456705        6080108

GRAND TOTAL
***********
```

*** E02 ***

*** E02 *

```
*** E03 ***                                                                                                        *** E03 ***
          TOTAL  (EXTERNAL COMB)
                    AREA SOURCES              1051         2286         3459         1030         4901
                    POINT SOURCES              132         3718         1118          124          141

     TOTAL  (FUEL COMBUSTION)

                    AREA SOURCES              1051         2286         3459         1030         4901
                    POINT SOURCES              132         3718         1118          124          141

INDUSTRIAL PROCESS (POINT)
***************************

     CHEMICAL MANUFACTURING                    128          289            0            0            0
     FOOD/AGRICULTURAL                           5            0            0            0            0
     MINERAL PRODUCTS                          305            0            0            0            0
     WOOD PRODUCTS                             532            0            0          199            0
     ORGANIC SOLVENT EVAPORATION                 0            0            0          227            0
     PETROLEUM STORAGE/TRANSPORT                 0            0            0           15            0
     OTHER/NOT CLASSIFIED                        0            0            0            6            0
     TOTAL  (INDUSTRIAL)                       970          289            0          447            0

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL  (AREA)

          ON SITE INCINERATION                 164            2            4          460         1380
          OPEN BURNING                         567           21          144          764         2424
          TOTAL  (RESIDENTIAL)                 731           23          148         1224         3804

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    POINT SOURCES                0            0            1            0            0
          OPEN BURNING
                    AREA SOURCES                 8            0            1           15           33
          TOTAL  (COMM-INST)
                    AREA SOURCES                 8            0            1           15           33
                    POINT SOURCES                0            0            1            0            0

     INDUSTRIAL

          OPEN BURNING
                    AREA SOURCES                 8            0            2           12           50
          TOTAL  (INDUSTRIAL)
                    AREA SOURCES                 8            0            2           12           50

     TOTAL  (SOLID WASTE DISP)
                    AREA SOURCES               747           23          151         1251         3887
                    POINT SOURCES                0            0            1            0            0

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES            4954          214         5208         7721        64511
               LIGHT DUTY TRUCKS              1241           75         1663         2215        16490
               HEAVY DUTY VEHICLES             378           35         1130         1411        19184
               OFF HIGHWAY                      26           13          254          916         9833
               TOTAL  (GASOLINE)              6599          337         8255        12263       110018

          DIESEL
```

```
*** E05 ***                                                                                          *** E05 ***
    TOTAL (RESIDENTIAL)                    3811          95         498        8257       25167

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
                AREA SOURCES                114          34          53          66         158
                POINT SOURCES                 0           0           1           0         541
     OPEN BURNING
                AREA SOURCES                 11           0           3          23          59
                POINT SOURCES                 2           1           1           4          11
     TOTAL (COMM-INST)
                AREA SOURCES                125          34          56          89         217
                POINT SOURCES                 2           1           2           4         552

  INDUSTRIAL

     ON SITE INCINERATION
                AREA SOURCES               1046         210         210         943        1405
                POINT SOURCES                74           1          11         117        1391
     OPEN BURNING
                AREA SOURCES                539          23         183         941        3298
                POINT SOURCES                 1           1           1           2           4
     TOTAL (INDUSTRIAL)
                AREA SOURCES               1585         233         393        1884        4703
                POINT SOURCES                75           2          12         119        1395

  TOTAL (SOLID WASTE DISP)
                AREA SOURCES               5521         362         947       10230       30087
                POINT SOURCES              2568         159         948        4794       15183

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES               55116        1835       40852       74057      678159
        LIGHT DUTY TRUCKS                 17278         856       17118       27865      231175
        HEAVY DUTY VEHICLES                2225         169        4830        7897      112690
        OFF HIGHWAY                         116          60        1146        4127       44257
        TOTAL (GASOLINE)                  74735        2920       63946      113946     1066281

     DIESEL

        HEAVY DUTY VEHICLES                9525        3831       35114        5861       16976
        OFF HIGHWAY                         720         604        7285        1072        2155
        RAIL                                657        1494        9698        2463        3409
        TOTAL (DIESEL)                    10902        5929       52097        9396       22540

  AIRCRAFT

     MILITARY                              2400         225        1443        4269        7686
     CIVIL                                    8           3          13         187        8582
     COMMERCIAL                              63         136        1276        1427        3182
     TOTAL (AIRCRAFT)                      2471         364        2732        5883       19450

  VESSELS

     GASOLINE                                 0          33         123        5173       16255
     TOTAL (VESSELS)                          0          33         128        5173       16255

  TOTAL (TRANSPORTATION)                  88108        9246      118903      134398     1124526

MISCELLANEOUS (AREA)
********************
```

```
                                               NATIONAL EMISSIONS DATA SYSTEM
                                              *******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              ********************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                            AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:03 ARIZONA        AQCR:015 PHOENIX-TUCSON                       POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                  PARTICULATES          SOX             NOX             HC              CO
                                  ************    ************    ************    ************    ************
                                   TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                      4              96              40               2              11
         NATURAL GAS                       127               7            1016             101             255
         WOOD                              542              10              23             109            3897
         TOTAL (RESIDENTIAL)               673             113            1079             212            4163

      ELEC GENERATION (POINT)

         RESIDUAL OIL                      920           11330           10131              96             481
         DISTILLATE OIL                     14             452             202               7              33
         NATURAL GAS                       179              10           12532              17             305
         TOTAL (ELEC GEN)                 1113           11792           22865             120             819

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  8449           29724           15644             469            1016
         RESIDUAL OIL
            POINT SOURCES                   70            1962             233               4              20
         DISTILLATE OIL
            AREA SOURCES                   113            1609            1301              70             186
            POINT SOURCES                    2              53              26               1               6
         NATURAL GAS
            AREA SOURCES                    99               6           22909            9116            3113
            POINT SOURCES                   59             950            1526               9              57
         OTHER
            POINT SOURCES                    0               2               3               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  8661           31339           39854            9655            4315
            POINT SOURCES                  131            2967            1788              14              83

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                    53             786             186               3              15
         DISTILLATE OIL
            AREA SOURCES                    19             428             218               9              50
         NATURAL GAS
            AREA SOURCES                    14               1             172              11              29
            POINT SOURCES                    1               0              12              49               1
         LIQUID PETROL GAS
            POINT SOURCES                    0               0               1               0               0
         TOTAL (COMM-INST)
            AREA SOURCES                    86            1215             576              23              94
```

```
*** E07 ***                                                                                    *** E07 ***
        CIVIL                              0          0          0         15        671
        COMMERCIAL                        10         22        205        229        511
        TOTAL (AIRCRAFT)                  47         25        227        309       1299

    VESSELS

        DIESEL FUEL                        2          2         14          4          4
        GASOLINE                           0          2          6        276        868
        TOTAL (VESSELS)                    2          4         20        280        872

    TOTAL (TRANSPORTATION)              8729       1677      19679      12933     104101

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     217          2         52        307       1791
    FOREST MANAGED BURNING               212          1         43        190       1186
    STRUCTURAL FIRES                      66          0          9         51        271
    GASOLINE STA EVAP LOSS                 0          0          0       1451          0
    SOLVENT EVAPORATION LOSS               0          0          0      16878          0
    UNPAVED ROADS                      76213          0          0          0          0
    TOTAL (MISCELLANEOUS)              76708          3        104      18877       3248

GRAND TOTAL
***********

    AREA SOURCES                       86829       5252      24709      34158     113400

    POINT SOURCES                       3474       9408      21872        955        741

    TOTAL                              90303      14660      46581      35113     114141
```

```
*** E08 ***                                                                                          *** E08 ***
          AREA SOURCES                 2294          1287          2360          1081         15682
          POINT SOURCES                 265            16           482            25            37

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              6424             0             0          1607          5140
   FOOD/AGRICULTURAL                    108             0             0             0             0
   MINERAL PRODUCTS                    4076             1            10             1             3
   WOOD PRODUCTS                          2             0             0             0             0
   TOTAL (INDUSTRIAL)                 10610             1            10          1608          5143

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               51             0             0           144           438
      OPEN BURNING                      458            19           117           618          1954
      TOTAL (RESIDENTIAL)               509            19           117           762          2392

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
           AREA SOURCES                   4             0             3             3            13
      TOTAL (COMM-INST)
           AREA SOURCES                   4             0             3             3            13

   INDUSTRIAL

      ON SITE INCINERATION
           AREA SOURCES                   6             0             0             6             6
      TOTAL (INDUSTRIAL)
           AREA SOURCES                   6             0             0             6             6

   TOTAL (SOLID WASTE DISP)
           AREA SOURCES                 519            19           120           771          2411

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           2084           154          3730          4287         31417
         LIGHT DUTY TRUCKS             1202           124          2789          2778         17918
         HEAVY DUTY VEHICLES            173            25           845           686          9460
         OFF HIGHWAY                     30            18           305          1101         11821
         TOTAL (GASOLINE)              3489           321          7669          8852         70616

      DIESEL

         HEAVY DUTY VEHICLES            485           281          2566           251           737
         OFF HIGHWAY                    205           172          2075           304           613
         RAIL                            66           149           970           246           340
         TOTAL (DIESEL)                 756           602          5611           801          1690

   AIRCRAFT

      CIVIL                               0             0             0            15           670
      TOTAL (AIRCRAFT)                    0             0             0            15           670

   VESSELS

      DIESEL FUEL                         3             4            25             7             8
```

```
*** E09 ***                                                                                                        *** E09 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                  ******************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                               AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:05 CALIFORNIA      AQCR:024 METROPOLITAN LOS ANGELES                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                          PARTICULATES         SOX              NOX              HC               CO
                                          ************    ************     ************     ************     ************
                                           TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                        9              141               59                2               16
            NATURAL GAS                        1402               83            11220             1121             2806
            WOOD                                524               12               21              105             3771
            TOTAL (RESIDENTIAL)                1935              236            11300             1228             6593

        ELEC GENERATION (POINT)

            RESIDUAL OIL                       4710            21546            25024             1902             1171
            DISTILLATE OIL                     4750            59438            17346             2240             2244
            NATURAL GAS                        1928              335            17873              407              842
            TOTAL (ELEC GEN)                  11388            81319            60243             4549             4257

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                    470             1189              783               24               49
            RESIDUAL OIL
                POINT SOURCES                   189             1215             1211              329             1710
            DISTILLATE OIL
                POINT SOURCES                  1321            14545             8733             1133              925
            NATURAL GAS
                AREA SOURCES                    275               16            46655            17998             6274
                POINT SOURCES                  1376             3400            12340             1004             1186
            PROCESS GAS
                POINT SOURCES                   267             1720             1356               93               15
            OTHER
                POINT SOURCES                   186             3140              432               71              270
            TOTAL (INDUSTRIAL)
                AREA SOURCES                    745             1205            47438            18022             6323
                POINT SOURCES                  3339            24020            24072             2630             4106

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                    683             1902             2395               40              199
                POINT SOURCES                    31              520               86                5                7
            DISTILLATE OIL
                POINT SOURCES                   242             4762             1916              139              201
            NATURAL GAS
                AREA SOURCES                    465               28             5584              373              931
                POINT SOURCES                   294               35             3236              344              634
            OTHER
                POINT SOURCES                    39              231              264               14               39
```

```
*** E10 ***                                                                                          *** E10 ***
    AIRCRAFT

        MILITARY                        1            0            0            1            2
        CIVIL                           0            0            0            8          360
        COMMERCIAL                      1            3           26           29           66
        TOTAL (AIRCRAFT)                2            3           26           38          428

    VESSELS

        GASOLINE                        0           24           90         3652        11472
        TOTAL (VESSELS)                 0           24           90         3652        11472

    TOTAL (TRANSPORTATION)           2521          428         6532         9760        55330

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                 2411           22          568         3404        19859
    FOREST MANAGED BURNING            201            2           40          181         1125
    STRUCTURAL FIRES                    6            0            1            5           26
    GASOLINE STA EVAP LOSS              0            0            0          810            0
    SOLVENT EVAPORATION LOSS            0            0            0         2758            0
    UNPAVED ROADS                    2356            0            0            0            0
    UNPAVED AIRSTRIPS                  10            0            0            0            0
    TOTAL (MISCELLANEOUS)            4984           24          609         7158        21010

GRAND TOTAL
***********

    AREA SOURCES                     7821          619         8259        17389        78445

    POINT SOURCES                    4044          688         2697         1928        16802

    TOTAL                           11865         1307        10956        19317        95247
```

```
*** E12 ***                                                                                              *** E12 ***
      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              1706          1397           353            43           140
         RESIDUAL OIL
            AREA SOURCES                358          4345          1266            19           104
            POINT SOURCES               252          3310          1146            21            92
         DISTILLATE OIL
            AREA SOURCES                  1            62            32             0             5
            POINT SOURCES               748          2986           582            25           132
         NATURAL GAS
            AREA SOURCES                 72             2           898            54           145
            POINT SOURCES               222            15         11120            92           525
         WOOD
            POINT SOURCES                64             7            50            10            10
         LIQUID PETROL GAS
            POINT SOURCES                 0             8             6             0             1
         OTHER
            POINT SOURCES                 3             1            15             3             4
         TOTAL (COMM-INST)
            AREA SOURCES                431          4409          2196            73           254
            POINT SOURCES              2995          7724         13272           194           904

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               2176          9659         43631         13356          9474
            POINT SOURCES             12691         91365        124755          2278         24439

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                  36           262           515            41           115
         NATURAL GAS                     55             1          3155           846           621
         TOTAL (ELEC GEN)                91           263          3670           887           736

      INDUSTRIAL FUEL

         DISTILLATE OIL                  48            45           674            54           147
         NATURAL GAS                     36             1          7985          4389          1407
         TOTAL (INDUSTRIAL)              84            46          8659          4443          1554

      TOTAL (INTERNAL COMB)             175           309         12329          5330          2290

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               2176          9659         43631         13356          9474
            POINT SOURCES             12866         91674        137084          7608         26729

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               432           863             1           264             0
   FOOD/AGRICULTURAL                   7242             0             0             0             1
   PRIMARY METAL                       6074          2051           165          2746         31370
   SECONDARY METALS                     474           122             3             0          2856
   MINERAL PRODUCTS                   17065         18227          6283           148            65
   PETROLEUM INDUSTRY                   237          1759           336          1603         42947
   WOOD PRODUCTS                         55             0             0          1274           108
   ORGANIC SOLVENT EVAPORATION            0             0             0         11892             0
   PETROLEUM STORAGE/TRANSPORT            1             0             0          2196             0
   METAL FABRICATION                    123             0             0            70             0
   OTHER/NOT CLASSIFIED                  58          9171             0           738            55
   TOTAL (INDUSTRIAL)                 31761         32193          6788         20931         77402

SOLID WASTE DISPOSAL
********************
```

```
*** E14 ***                                                                                *** E14 ***
         TOTAL (COMM-INST)
             AREA SOURCES               10        104         41          0          3
             POINT SOURCES              50          2         17          3          3

      TOTAL (EXTERNAL COMB)
             AREA SOURCES              224        179        347        126       1521
             POINT SOURCES              84        385        409          6         21

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                  7         38         92          8         21
         NATURAL GAS                     6          0        168         17         47
         TOTAL (ELEC GEN)               13         38        260         25         68

      TOTAL (INTERNAL COMB)             13         38        260         25         68

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES              224        179        347        126       1521
             POINT SOURCES              97        423        669         31         89

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                     7          0          0          0          0
   MINERAL PRODUCTS                    140          0          0          0          0
   TOTAL (INDUSTRIAL)                  147          0          0          0          0

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              44          0          0        125        375
      OPEN BURNING                      36          0          9         48        153
      TOTAL (RESIDENTIAL)               80          0          9        173        528

   INDUSTRIAL

      ON SITE INCINERATION
             POINT SOURCES             179          3         26        282       3331
      TOTAL (INDUSTRIAL)
             POINT SOURCES             179          3         26        282       3331

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES               80          0          9        173        528
             POINT SOURCES             179          3         26        282       3331

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           416         25        485       1193      12057
         LIGHT DUTY TRUCKS             235         21        331        691       6520
         HEAVY DUTY VEHICLES            55          6        157        299       4969
         OFF HIGHWAY                     8          4         67        240       2573
         TOTAL (GASOLINE)              714         56       1040       2423      26119

      DIESEL

         HEAVY DUTY VEHICLES            64         34        341         79        178
```

POINT SOURCES	5	3	3	3	10
TOTAL (INDUSTRIAL)					
AREA SOURCES	93	18	18	84	125
POINT SOURCES	5	3	3	3	10
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	894	64	230	1157	3490
POINT SOURCES	292	26	35	18	340
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	11706	468	11197	16216	142195
LIGHT DUTY TRUCKS	1768	111	2498	3140	23561
HEAVY DUTY VEHICLES	502	48	1649	1962	26712
OFF HIGHWAY	42	22	413	1485	15928
TOTAL (GASOLINE)	14018	649	15757	22803	208396
DIESEL					
HEAVY DUTY VEHICLES	1007	452	4288	559	1613
OFF HIGHWAY	373	312	3762	554	1113
RAIL	11	25	163	42	57
TOTAL (DIESEL)	1391	789	8213	1155	2783
AIRCRAFT					
MILITARY	276	26	166	490	883
CIVIL	1	0	2	25	1146
COMMERCIAL	2	4	34	39	86
TOTAL (AIRCRAFT)	279	30	202	554	2115
VESSELS					
DIESEL FUEL	24	30	225	60	78
RESIDUAL OIL	52	691	113	8	4
GASOLINE	0	14	55	2232	7012
TOTAL (VESSELS)	76	735	393	2300	7094
TOTAL (TRANSPORTATION)	15764	2203	24565	26812	220388
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	5	0	1	8	45
FOREST MANAGED BURNING	18	0	3	16	100
AGRICULTURAL BURNING	13	0	1	16	84
STRUCTURAL FIRES	156	0	19	118	637
GASOLINE STA EVAP LOSS	0	0	0	2888	0
SOLVENT EVAPORATION LOSS	0	0	0	17748	0
UNPAVED ROADS	8348	0	0	0	0
TOTAL (MISCELLANEOUS)	8540	0	24	20794	866
GRAND TOTAL					
***********					
AREA SOURCES	26515	12439	29102	48945	226442
POINT SOURCES	36601	113219	44150	29909	2760
TOTAL	63116	125658	73252	78854	229202

```
*** E17 ***                                                                                      *** E17 ***
          TOTAL (EXTERNAL COMB)
                    AREA SOURCES              255           738          2605           143           642
                    POINT SOURCES            2898         20192         10310           300          1051

     INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

               DISTILLATE OIL                  10            31           135            11            31
               TOTAL (ELEC GEN)                10            31           135            11            31

          INDUSTRIAL FUEL

               NATURAL GAS                      0             0             7             3             1
               TOTAL (INDUSTRIAL)               0             0             7             3             1

          TOTAL (INTERNAL COMB)                10            31           142            14            32

     TOTAL (FUEL COMBUSTION)

                    AREA SOURCES              255           738          2605           143           642
                    POINT SOURCES            2908         20223         10452           314          1083

INDUSTRIAL PROCESS (POINT)
**************************

     MINERAL PRODUCTS                           9             1             1             0             0
     ORGANIC SOLVENT EVAPORATION                0             0             0          2395             0
     PETROLEUM STORAGE/TRANSPORT                0             0             0           315             0
     OTHER/NOT CLASSIFIED                       1             0             0             0             0
     TOTAL (INDUSTRIAL)                        10             1             1          2710             0

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

          MUNICIPAL INCINERATION              342           476           490           286          6664
          TOTAL (GOVERNMENT)                  342           476           490           286          6664

     RESIDENTIAL (AREA)

          ON SITE INCINERATION                 41             1             1           114           343
          TOTAL (RESIDENTIAL)                  41             1             1           114           343

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    AREA SOURCES              607           192           288           352           831
          TOTAL (COMM-INST)
                    AREA SOURCES              607           192           288           352           831

     INDUSTRIAL

          ON SITE INCINERATION
                    POINT SOURCES              11             4             5             5            16
          TOTAL (INDUSTRIAL)
                    POINT SOURCES              11             4             5             5            16

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES              648           193           289           466          1174
                    POINT SOURCES             353           480           495           291          6680

TRANSPORTATION (AREA)
*********************
```

```
*** F01 ***                                                                                    *** F01
    AREA SOURCES            37589254      2314643     12945729     20902709     93482114

    POINT SOURCES            6422178     28319825     11565708      6083067      9933441

    TOTAL                   44011432     30634468     24511437     26985776    103415555
```

```
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:  TUESDAY    JANUARY 26, 19
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 19
STATE:01 ALABAMA        AQCR:003 EAST ALABAMA                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 19

                                  PARTICULATES         SOX           NOX            HC            CO
                                  ************    ************   ************   ************   ************
                                   TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  28            103              3             28            123
         DISTILLATE OIL                    0              3              1              0              0
         NATURAL GAS                      42              2            336             35             85
         WOOD                            628             14             25            128           4500
         TOTAL (RESIDENTIAL)             698            122            365            191           4708

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 177           6441           2066             21             69
         OTHER                             0              0           3409              6            189
         TOTAL (ELEC GEN)                177           6441           5475             27            258

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 723           4195           1105             32             71
            POINT SOURCES               3886           9653           2529             57            164
         RESIDUAL OIL
            POINT SOURCES                435           6567           1046             17             87
         DISTILLATE OIL
            AREA SOURCES                  36            277            409             21             57
            POINT SOURCES                  8             22             96              4             22
         NATURAL GAS
            AREA SOURCES                  48              3           5204           1882            686
            POINT SOURCES                  9              1            620              6             32
         PROCESS GAS
            POINT SOURCES                 74           3842            352              8             50
         WOOD
            POINT SOURCES                997            182           1425            285            285
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 807           4475           6718           1935            814
            POINT SOURCES               5409          20267           6068            377            640

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES                  0              5              2              0              0
         DISTILLATE OIL
            AREA SOURCES                   3             46             39              2              9
            POINT SOURCES                  0              1              0              0              0
         NATURAL GAS
            AREA SOURCES                  13              0            173             11             30
            POINT SOURCES                  1              0             18              0              2
```

HEAVY DUTY VEHICLES	848	393	3656	468	1379
OFF HIGHWAY	202	169	2045	300	605
RAIL	12	24	161	42	55
TOTAL (DIESEL)	1062	586	5862	810	2039
AIRCRAFT					
MILITARY	193	18	116	343	617
CIVIL	0	0	0	17	749
COMMERCIAL	1	3	30	34	75
TOTAL (AIRCRAFT)	194	21	146	394	1441
VESSELS					
GASOLINE	0	5	22	900	2830
TOTAL (VESSELS)	0	5	22	900	2830
TOTAL (TRANSPORTATION)	7855	949	14285	14367	116328
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	1924	17	453	2714	15838
FOREST MANAGED BURNING	1331	9	266	1197	7453
AGRICULTURAL BURNING	118	0	17	141	787
STRUCTURAL FIRES	67	0	8	50	275
GASOLINE STA EVAP LOSS	0	0	0	1609	0
SOLVENT EVAPORATION LOSS	0	0	0	10899	0
UNPAVED ROADS	14849	0	0	0	0
TOTAL (MISCELLANEOUS)	18289	26	744	16610	24353
GRAND TOTAL ***********					
AREA SOURCES	27942	3284	18639	33258	149469
POINT SOURCES	1102	4007	1119	571	141
TOTAL	29044	7291	19758	33829	149610

```
                                                     NATIONAL EMISSIONS DATA SYSTEM
                                                     ******************************

                                                     ENVIRONMENTAL PROTECTION AGENCY
                                                     *******************************

STATE/AQCR EMISSIONS REPORT                                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                                 AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:02 ALASKA          AQCR:009 NORTHERN ALASKA                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES          SOX               NOX               HC                CO
                                ************      ************      ************      ************      ************
                                 TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              17               299               125                 6                34
            NATURAL GAS                  2                 0                15                 2                 5
            WOOD                       552                12                22               111              3969
            TOTAL (RESIDENTIAL)        571               311               162               119              4008

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           4653              2258              4163               214               456
            DISTILLATE OIL               0                 1                 1                 0                 0
            TOTAL (ELEC GEN)          4653              2259              4164               214               456

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES          648               454               779                52               104
            DISTILLATE OIL
                AREA SOURCES             0                 3                 3                 0                 0
                POINT SOURCES           13               126               136                 6                30
            NATURAL GAS
                AREA SOURCES             7                 0               143                 2                14
                POINT SOURCES            0                 0                 2                 0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             7                 3               146                 2                14
                POINT SOURCES          661               580               917                58               134

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES          827              1268              2355               159               322
            RESIDUAL OIL
                AREA SOURCES             2                38                 9                 0                 0
            DISTILLATE OIL
                POINT SOURCES            4                41                50                 2                11
            NATURAL GAS
                AREA SOURCES             9                 0               116                 7                20
                POINT SOURCES            9                 1               133                 4                16
            OTHER
                POINT SOURCES            1                13                11                 0                 3
            TOTAL (COMM-INST)
                AREA SOURCES            11                38               125                 7                20
                POINT SOURCES          841              1323              2549               165               352

        TOTAL (EXTERNAL COMB)
```

FOREST WILDFIRES	2522	21	593	3561	20775
FOREST MANAGED BURNING	12093	90	2417	10882	67709
STRUCTURAL FIRES	507	1	60	379	2061
GASOLINE STA EVAP LOSS	0	0	0	13101	0
SOLVENT EVAPORATION LOSS	0	0	0	52184	0
UNPAVED ROADS	676954	0	0	0	0
UNPAVED AIRSTRIPS	1035	0	0	0	0
TOTAL (MISCELLANEOUS)	693111	112	3070	80107	90545
GRAND TOTAL ***********					
AREA SOURCES	799207	45873	168421	235821	1269367
POINT SOURCES	44056	1078425	130773	14133	82257
TOTAL	843263	1124298	299194	249954	1351624

POINT SOURCES	1	0	13	49	1
TOTAL (EXTERNAL COMB)					
AREA SOURCES	9420	32667	41509	9890	8572
POINT SOURCES	1245	14759	24666	183	903
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	33	103	731	179	189
NATURAL GAS	52	8	1538	157	429
TOTAL (ELEC GEN)	85	111	2269	336	618
INDUSTRIAL FUEL					
DISTILLATE OIL	18	99	247	20	54
NATURAL GAS	5	0	1209	483	166
TOTAL (INDUSTRIAL)	23	99	1456	503	220
ENGINE-TESTING					
TOTAL (ENG TESTNG)	31	43	418	34	5
TOTAL (INTERNAL COMB)	139	253	4143	873	843
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	9420	32667	41509	9890	8572
POINT SOURCES	1384	15012	28809	1056	1746
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	258	21166	19	992	28000
FOOD/AGRICULTURAL	2875	2	0	95	0
PRIMARY METAL	1590	480900	0	0	0
SECONDARY METALS	72	9	287	11	970
MINERAL PRODUCTS	5040	1188	86	1	3
ORGANIC SOLVENT EVAPORATION	5	1	4	3619	11
PETROLEUM STORAGE/TRANSPORT	0	0	0	1072	0
OTHER/NOT CLASSIFIED	10	6	38	1	1241
TOTAL (INDUSTRIAL)	9850	503272	434	5791	30225
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OPEN BURNING	2491	156	934	4671	13236
TOTAL (GOVERNMENT)	2491	156	934	4671	13236
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1720	27	54	4836	14507
OPEN BURNING	1359	50	349	1833	5816
TOTAL (RESIDENTIAL)	3079	77	403	6669	20323
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	92	28	44	53	126
POINT SOURCES	0	0	1	0	541
OPEN BURNING					
AREA SOURCES	9	0	3	19	51
TOTAL (COMM-INST)					

```
        GASOLINE                              0           18           77         3083         9681
        TOTAL (VESSELS)                       3           22          102         3090         9689

   TOTAL (TRANSPORTATION)                  4248          945        13382        12758        82665

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                        2090           20          492         2953        17229
   FOREST MANAGED BURNING                   922            0          185          829         5162
   STRUCTURAL FIRES                          56            0            3           42          228
   GASOLINE STA EVAP LOSS                     0            0            0         1161            0
   SOLVENT EVAPORATION LOSS                   0            0            0         9506            0
   UNPAVED ROADS                         156635            0            0            0            0
   TOTAL (MISCELLANEOUS)                 159703           20          680        14491        22619

GRAND TOTAL
***********

   AREA SOURCES                          166764         2271        16542        29101       123377

   POINT SOURCES                          10875           17          492         1633         5180

   TOTAL                                 177639         2288        17034        30734       128557
```

```
*** F09 ***                                                                                          *** F09 ***
          TOTAL (COMM-INST)
              AREA SOURCES                1148          1930          7979           413          1130
              POINT SOURCES                606          5548          5502           502           881

       TOTAL (EXTERNAL COMB)
              AREA SOURCES                3828          3371         66717         19663         14046
              POINT SOURCES              15333        110887         89817          7681          9244

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                   255           667          3971           124            39
          NATURAL GAS                      125           911          1191           157           241
          OTHER                             35            25           518            12           119
          TOTAL (ELEC GEN)                 415          1603          5680           293           399

       INDUSTRIAL FUEL

          DISTILLATE OIL                     8             9            62            14            14
          NATURAL GAS                       47             2         11367          5806          2227
          GASOLINE                           0             0             0             1             0
          TOTAL (INDUSTRIAL)                55            11         11429          5821          2241

       COMM-INSTITUTIONAL

          TOTAL (COMM-INST)                  9             1            65             3            17

       ENGINE-TESTING

          TOTAL (ENG TESTNG)                 8            14            91            45           489

       TOTAL (INTERNAL COMB)               487          1629         17265          6162          3146

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                3828          3371         66717         19663         14046
              POINT SOURCES              15820        112516        107082         13843         12390

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                1523         27517          2011          4884           185
    FOOD/AGRICULTURAL                      691            13           184           298           159
    PRIMARY METAL                         3175          6405          3647          2207         48910
    SECONDARY METALS                      8741          1701           988           518          1717
    MINERAL PRODUCTS                      8116           845          2716           464          9407
    PETROLEUM INDUSTRY                   14217         36588         36561         63501          4803
    WOOD PRODUCTS                          138             0             0            64             0
    ORGANIC SOLVENT EVAPORATION           9497             1           275        185617           576
    PETROLEUM STORAGE/TRANSPORT             45            81             0         51542             0
    METAL FABRICATION                      703             3             1           230             0
    TEXTILE MANUFACTURING                   62             0            27           234             2
    OTHER/NOT CLASSIFIED                   237           213           419           277            23
    TOTAL (INDUSTRIAL)                   47145         73367         46829        309836         65782

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               3             0             1             0             2
        OPEN BURNING                        41             2            15            81           219
        OTHER INCINERATION                  24             5            32            22             0
        TOTAL (GOVERNMENT)                  68             7            48           103           221
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:05 CALIFORNIA     AQCR:031 SAN JOAQUIN VALLEY          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES         SOX            NOX            HC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              4              89             38              1             10
            NATURAL GAS               305              17           2425            242            608
            WOOD                      964              21             39            194           6930
            TOTAL (RESIDENTIAL)      1273             127           2502            437           7548

        ELEC GENERATION (POINT)

            RESIDUAL OIL              114            1387           1009              9             48
            NATURAL GAS                58               5           3784              6             97
            TOTAL (ELEC GEN)          172            1392           4793             15            145

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           58             144             96              2              6
            RESIDUAL OIL
                POINT SOURCES       10158          103590          34417           1960           2793
            DISTILLATE OIL
                POINT SOURCES          31             446            225              8             37
            NATURAL GAS
                AREA SOURCES           44               2           7163           2763            963
                POINT SOURCES         404             185           6200            141            509
            WOOD
                POINT SOURCES         665             116            771            953           1184
            TOTAL (INDUSTRIAL)
                AREA SOURCES          102             146           7259           2765            969
                POINT SOURCES       11258          104337          41613           3062           4523

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES           86             237            300              4             24
                POINT SOURCES          10              93             12              0              3
            DISTILLATE OIL
                POINT SOURCES           7             238             87              4             19
            NATURAL GAS
                AREA SOURCES           57               3            691             47            115
                POINT SOURCES          49               8            793             24             94
            TOTAL (COMM-INST)
                AREA SOURCES          143             240            991             51            139
                POINT SOURCES          66             339            892             28            116

        TOTAL (EXTERNAL COMB)
```

```
*** F12 ***                                                                                                    *** F12 ***
    RESIDENTIAL (AREA)

        ON SITE INCINERATION                     2561              32              77            7199            21582
        OPEN BURNING                             2216              72             562            2977             9464
        TOTAL (RESIDENTIAL)                      4777             104             639           10176            31046

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                       64              20              32              38               97
                POINT SOURCES                     213               5              32             328             3795
        OPEN BURNING
                AREA SOURCES                        2               0               1               3                9
        TOTAL (COMM-INST)
                AREA SOURCES                       66              20              33              41              106
                POINT SOURCES                     213               5              32             328             3795

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                       10               1               1               9               14
                POINT SOURCES                     848             432            2120            1916             5080
        OPEN BURNING
                AREA SOURCES                        2               0               0               2               10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                       12               1               1              11               24
                POINT SOURCES                     848             432            2120            1916             5080

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                     4855             125             673           10228            31176
                POINT SOURCES                    1061             437            2152            2244             8875

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                 56951            2012           35574          107456          1191959
            LIGHT DUTY TRUCKS                   16383             888           14399           37973           388320
            HEAVY DUTY VEHICLES                  2868             243            5425           13731           234384
            OFF HIGHWAY                           208             106            2028            7302            78306
            TOTAL (GASOLINE)                    76410            3249           57426          166462          1892969

        DIESEL

            HEAVY DUTY VEHICLES                  5785            2493           25043            7187            16159
            OFF HIGHWAY                          1984            1662           20074            2950             5942
            RAIL                                 1058            2411           15621            3966             5488
            TOTAL (DIESEL)                       8827            6566           60738           14103            27589

    AIRCRAFT

        MILITARY                                 1299             122             780            2308             4158
        CIVIL                                      10               3              14             278            12732
        COMMERCIAL                                103             225            2102            2351             5243
        TOTAL (AIRCRAFT)                         1412             350            2896            4937            22133

    VESSELS

        GASOLINE                                    0               9              52            2283             7166
        TOTAL (VESSELS)                             0               9              52            2283             7166

    TOTAL (TRANSPORTATION)                      86649           10174          121112          187785          1949857
```

```
*** F13 ***                                                                                    *** F13 ***

                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:06 COLORADO       AQCR:036 METROPOLITAN DENVER       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES       SOX            NOX            HC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              3              6              0              3             15
         DISTILLATE OIL               8            132             56              3             16
         NATURAL GAS                314             18           2495            249            623
         WOOD                        70              1              2             14            504
         TOTAL (RESIDENTIAL)        395            157           2553            269           1158

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           1770          26751          31330            498           1661
         RESIDUAL OIL                82           1003            734              7             35
         NATURAL GAS                 82              5           5149              9            158
         TOTAL (ELEC GEN)          1934          27759          37213            514           1854

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            34            498            197             26             52
         RESIDUAL OIL
            AREA SOURCES            268           3190            927             15             77
            POINT SOURCES            34            148            125              4              3
         DISTILLATE OIL
            AREA SOURCES             28            395            322             18             46
            POINT SOURCES             0             23              7              0              1
         NATURAL GAS
            AREA SOURCES            238             14          24647           8834           3231
            POINT SOURCES            90            318           5004            117            155
         COKE
            POINT SOURCES             3           1486            277            289          17999
         LIQUID PETROL GAS
            POINT SOURCES             0              1              1              0              0
         BAGASSE
            POINT SOURCES            13            143            158             22              1
         OTHER
            POINT SOURCES             1             23             10              0              2
         TOTAL (INDUSTRIAL)
            AREA SOURCES            534           3599          25896           8867           3354
            POINT SOURCES           175           2640           5779            458          18213

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            33             13              8              0              1
         RESIDUAL OIL
```

```
*** F14 ***                                                                                  *** F14 ***
         OFF HIGHWAY                    55         46         548         81        163
         RAIL                           13         33         206         52         72
         TOTAL (DIESEL)                132        113        1095        212        413

   AIRCRAFT

      CIVIL                              0          0           0          5        246
      TOTAL (AIRCRAFT)                   0          0           0          5        246

   VESSELS

      GASOLINE                           0          0           2         96        303
      TOTAL (VESSELS)                    0          0           2         96        303

   TOTAL (TRANSPORTATION)              846        169        2137       2736      27081

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   676          7         160        952       5557
    FOREST MANAGED BURNING             107          1          21         96        599
    STRUCTURAL FIRES                    10          0           0          8         42
    GASOLINE STA EVAP LOSS               0          0           0        276          0
    SOLVENT EVAPORATION LOSS             0          0           0        578          0
    UNPAVED ROADS                    43967          0           0          0          0
    UNPAVED AIRSTRIPS                   22          0           0          0          0
    TOTAL (MISCELLANEOUS)            44782          8         181       1910       6198

GRAND TOTAL
***********

    AREA SOURCES                     45932        356        2674       4945      35328

    POINT SOURCES                      423        426         695        313       3420

    TOTAL                            46355        782        3369       5258      38748
```

```
*** F15 ***                                                                                            *** F15 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:07 CONNECTICUT    AQCR:042 HARTFORD-NEW HAVEN-SPRINGFIELD  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX             HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                9             22              2              2             76
         DISTILLATE OIL               532           6129           3832            212           1064
         NATURAL GAS                   95              5            758             77            190
         WOOD                         135              3              5             27            972
         TOTAL (RESIDENTIAL)          771           6159           4597            318           2302

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              382             25             68              5              9
         RESIDUAL OIL                1464          24101          21819            207           1038
         NATURAL GAS                    2              0            137              0              3
         TOTAL (ELEC GEN)            1848          24126          22024            212           1050

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               63            397            104              3              7
         RESIDUAL OIL
            AREA SOURCES              478            874           1649             28            137
            POINT SOURCES             295           9438           3980             66            332
         DISTILLATE OIL
            AREA SOURCES               45            429            521             28             74
            POINT SOURCES              10            327            119              5             27
         NATURAL GAS
            AREA SOURCES               50              3            933             30             90
            POINT SOURCES               3              0             67              2              7
         WOOD
            POINT SOURCES               0              1              3              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              636           1703           3207             89            308
            POINT SOURCES             308           9766           4169             74            367

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES              12            142            107              2              9
         DISTILLATE OIL
            AREA SOURCES              101           1441           1100             50            251
            POINT SOURCES               1             38             12              0              3
         NATURAL GAS
            AREA SOURCES               52              3            623             42            104
            POINT SOURCES               0              0              7              0              1
         TOTAL (COMM-INST)
```

```
*** F17 ***                                                                                       *** F17 ***
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          11531            339           7781          12855         123107
            LIGHT DUTY TRUCKS              815             33            731           1171           9815
            HEAVY DUTY VEHICLES            546             37           1138           1867          25582
            OFF HIGHWAY                     22             12            222            798           8555
            TOTAL (GASOLINE)             12914            421           9872          16691         167059

        DIESEL

            HEAVY DUTY VEHICLES            779            295           2939            481           1371
            OFF HIGHWAY                    316            265           3194            469            945
            RAIL                            56            128            831            211            292
            TOTAL (DIESEL)                1151            688           6964           1161           2608

    AIRCRAFT

        MILITARY                            11              1              7             20             37
        CIVIL                                0              0              1             10            447
        COMMERCIAL                          64            140           1308           1463           3263
        TOTAL (AIRCRAFT)                    75            141           1316           1493           3747

    VESSELS

        GASOLINE                             0              2              6            230            724
        TOTAL (VESSELS)                      0              2              6            230            724

    TOTAL (TRANSPORTATION)               14140           1252          18158          19575         174138

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                       216              1             26            162            881
    GASOLINE STA EVAP LOSS                   0              0              0           1875              0
    SOLVENT EVAPORATION LOSS                 0              0              0          12288              0
    TOTAL (MISCELLANEOUS)                  216              1             26          14325            881

GRAND TOTAL
***********

    AREA SOURCES                         15259           2184          21078          34509         176835

    POINT SOURCES                         3271          20704          10948           3315           7763

    TOTAL                                18530          22888          32026          37824         184598
```

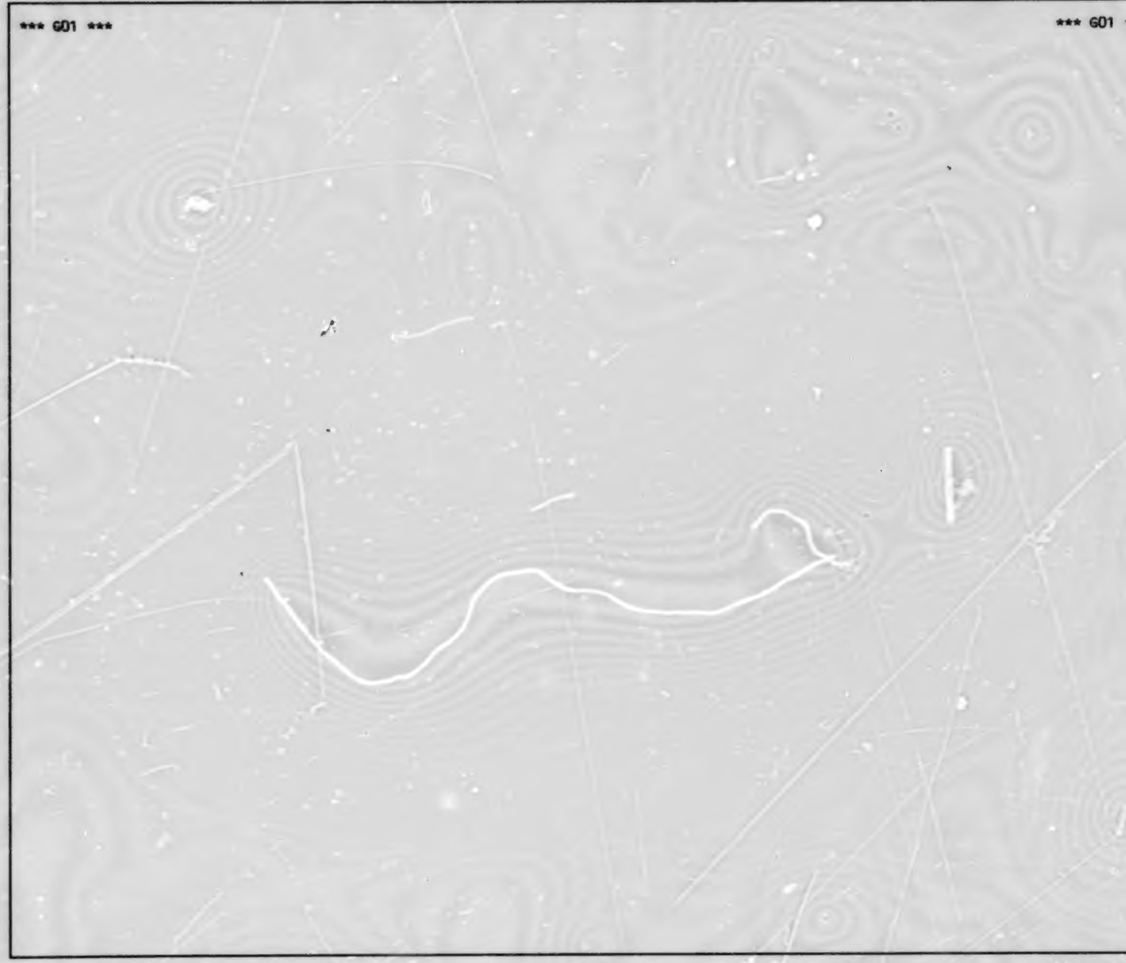
NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT
STATE:10 FLORIDA　　AQCR:049 JACKSONVILLE-BRUNSWICK

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	24	280	173	8	46
NATURAL GAS	38	1	300	28	79
WOOD	553	9	21	113	3960
TOTAL (RESIDENTIAL)	615	290	494	149	4085
ELEC GENERATION (POINT)					
RESIDUAL OIL	3179	78322	24955	237	785
NATURAL GAS	121	16	6277	8	159
TOTAL (ELEC GEN)	3300	78338	31232	245	944
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	402	2322	610	16	40
RESIDUAL OIL					
POINT SOURCES	1929	35707	6624	110	537
DISTILLATE OIL					
AREA SOURCES	24	269	328	16	47
POINT SOURCES	43	807	318	15	75
NATURAL GAS					
AREA SOURCES	16	1	2217	819	293
POINT SOURCES	55	3	2096	11	87
WOOD					
POINT SOURCES	2995	2645	9050	1809	1880
TOTAL (INDUSTRIAL)					
AREA SOURCES	442	2592	3155	851	380
POINT SOURCES	5022	39162	18088	1945	2579
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	85	1082	291	4	22
POINT SOURCES	322	3821	937	16	78
DISTILLATE OIL					
AREA SOURCES	10	167	126	5	30
POINT SOURCES	103	1133	570	26	126
NATURAL GAS					
AREA SOURCES	0	0	19	0	3
POINT SOURCES	95	5	1707	31	164
TOTAL (COMM-INST)					
AREA SOURCES	95	1249	436	9	55
POINT SOURCES	520	4959	3214	73	368


*** G01 ***
*** G01

```
          TOTAL (COMM-INST)
               AREA SOURCES          16              46              212              13              39
               POINT SOURCES          1               6               20               0               2

       TOTAL (EXTERNAL COMB)
               AREA SOURCES        1521            4643             7295            2139            5561
               POINT SOURCES       5587           26714            11563             404             900

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES        1521            4643             7295            2139            5561
               POINT SOURCES       5587           26714            11563             404             900

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING           30               0                0               0               0
    PRIMARY METAL                  1509            1710               67            1935            7682
    SECONDARY METALS                646               0               20               0            8797
    MINERAL PRODUCTS               3102               0                0               0               0
    WOOD PRODUCTS                   482             939              421               0            7842
    ORGANIC SOLVENT EVAPORATION       0               0                0              23               0
    PETROLEUM STORAGE/TRANSPORT       0               0                0              10               0
    OTHER/NOT CLASSIFIED              3             237                0               0               0
    TOTAL (INDUSTRIAL)             5772            2886              508            1968           24321

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION        279               3                7             781            2342
        OPEN BURNING                934              34              236            1255            3987
        TOTAL (RESIDENTIAL)        1213              37              243            2036            6329

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES         0               0                2               0               0
        OPEN BURNING
                AREA SOURCES         12               0                4              20              52
        TOTAL (COMM-INST)
                AREA SOURCES         12               0                4              20              52
                POINT SOURCES         0               0                2               0               0

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES        11              12               17               0              46
        OPEN BURNING
                AREA SOURCES         14               0                5              24              85
        TOTAL (INDUSTRIAL)
                AREA SOURCES         14               0                5              24              85
                POINT SOURCES        11              12               17               0              46

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES       1239              37              252            2080            6466
                POINT SOURCES        11              12               19               0              46

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE
```

```
*** G04 ***                                                                                              *** G04 ***
                  AREA SOURCES               589          352          433          128         4042
                  POINT SOURCES             6155         4162         7630          437          942

        INTERNAL COMBUSTION (POINT)

           ELECTRIC GENERATION

              DISTILLATE OIL                 240          233         3384          270          735
              NATURAL GAS                      5            0          152           15           42
              DIESEL                          42           39          588           46          128
              TOTAL (ELEC GEN)               287          272         4124          331          905

           INDUSTRIAL FUEL

              DISTILLATE OIL                   0            3           47            4           10
              TOTAL (INDUSTRIAL)               0            3           47            4           10

           TOTAL (INTERNAL COMB)             287          275         4171          335          915

        TOTAL (FUEL COMBUSTION)

                  AREA SOURCES               589          352          433          128         4042
                  POINT SOURCES             6442         4437        11801          772         1857

INDUSTRIAL PROCESS (POINT)
**************************

        MINERAL PRODUCTS                      48            0            0            0            0
        PETROLEUM INDUSTRY                     2            0           28            0            2
        ORGANIC SOLVENT EVAPORATION            0            0            0           20            0
        PETROLEUM STORAGE/TRANSPORT            0            0            0         1104            0
        TOTAL (INDUSTRIAL)                    50            0           28         1124            2

SOLID WASTE DISPOSAL
********************

        GOVERNMENT (POINT)

           MUNICIPAL INCINERATION              2            0            0            2            5
           TOTAL (GOVERNMENT)                  2            0            0            2            5

        RESIDENTIAL (AREA)

           ON SITE INCINERATION              249            3            7          698         2092
           OPEN BURNING                      557           21          144          751         2382
           TOTAL (RESIDENTIAL)               806           24          151         1449         4474

        COMMERCIAL-INSTITUTIONAL

           ON SITE INCINERATION
                 AREA SOURCES                  3            1            1            2            4
                 POINT SOURCES                 2            0            0            2            2
           OPEN BURNING
                 AREA SOURCES                  1            0            0            2            4
           TOTAL (COMM-INST)
                 AREA SOURCES                  4            1            1            4            8
                 POINT SOURCES                 2            0            0            2            2

        INDUSTRIAL

           ON SITE INCINERATION
                 AREA SOURCES                  1            0            0            1            1
                 POINT SOURCES                20           12           27           30           54
           OPEN BURNING
                 AREA SOURCES                  2            0            1            4           15
                 POINT SOURCES                 9            0            2           12           70
```

```
                  AREA SOURCES               101           28           47           72          177
                  POINT SOURCES                0            0            1            0          541

     INDUSTRIAL

          ON SITE INCINERATION
                  AREA SOURCES               934          187          187          843         1255
                  POINT SOURCES                0            0            0            0            6
          OPEN BURNING
                  AREA SOURCES               482           21          163          841         2948
                  POINT SOURCES                1            1            1            1            2
          TOTAL (INDUSTRIAL)
                  AREA SOURCES              1416          208          350         1684         4203
                  POINT SOURCES                1            1            1            1            8

     TOTAL (SOLID WASTE DISP)
                  AREA SOURCES              4596          313          800         8425        24703
                  POINT SOURCES             2492          157          936         4672        13785

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES         47710         1478        33744        59273       537103
               LIGHT DUTY TRUCKS           13529          592        12430        19485       158279
               HEAVY DUTY VEHICLES          1904          136         3973         6484        90274
               OFF HIGHWAY                    91           48          900         3241        34767
               TOTAL (GASOLINE)            63234         2254        51047        88483       820423

          DIESEL

               HEAVY DUTY VEHICLES          8262         3192        29204         4683        14003
               OFF HIGHWAY                   546          458         5530          813         1636
               RAIL                          528         1204         7813         1985         2746
               TOTAL (DIESEL)               9336         4854        42547         7481        18385

     AIRCRAFT

          MILITARY                          1930          181         1161         3434         6183
          CIVIL                                6            3           10          137         6250
          COMMERCIAL                          46          100          936         1047         2335
          TOTAL (AIRCRAFT)                  1982          284         2107         4618        14768

     VESSELS

          GASOLINE                             0            7           26         1062         3337
          TOTAL (VESSELS)                      0            7           26         1062         3337

     TOTAL (TRANSPORTATION)                74552         7399        95727       101644       856913

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                        252            2           59          356         2077
     FOREST MANAGED BURNING                 4292           32          857         3862        24029
     STRUCTURAL FIRES                        409            1           48          306         1664
     GASOLINE STA EVAP LOSS                    0            0            0         9679            0
     SOLVENT EVAPORATION LOSS                  0            0            0        46010            0
     UNPAVED ROADS                        454968            0            0            0            0
     UNPAVED AIRSTRIPS                       605            0            0            0            0
     TOTAL (MISCELLANEOUS)                460526           35          964        60213        27770

GRAND TOTAL
```

```
*** G07 ***                                                                                              *** G07 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:04 ARKANSAS       AQCR:018 METROPOLITAN MEMPHIS             POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                                    PARTICULATES          SOX            NOX             HC              CO
                                    ************    ************    ************    ************    ************
                                     TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    1              11               7               0               2
         NATURAL GAS                       5               0              43               4              11
         WOOD                            135               3               5              27             972
         TOTAL (RESIDENTIAL)             141              14              55              31             985

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  30             318              56               2               4
         RESIDUAL OIL
            AREA SOURCES                   3              44              11               0               1
         NATURAL GAS
            AREA SOURCES                   5               0             629             234              84
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  38             362             696             236              89

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                   0               1               0               0               0
         RESIDUAL OIL
            AREA SOURCES                   4              62              16               0               1
         DISTILLATE OIL
            AREA SOURCES                   0               2               2               0               0
         NATURAL GAS
            AREA SOURCES                   3               0              38               3               6
         TOTAL (COMM-INST)
            AREA SOURCES                   7              65              56               3               7

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 186             441             807             270            1081

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                 186             441             807             270            1081

INDUSTRIAL PROCESS (POINT)
**************************

   SECONDARY METALS                      350               0               1               0            1051
   MINERAL PRODUCTS                      288               0               0               0               0
   TOTAL (INDUSTRIAL)                    638               0               1               0            1051
```

```
*** G09 ***                                                                                   *** G09 ***
   RESIDENTIAL (AREA)

      ON SITE INCINERATION               12307          193          384        34610       103828
      OPEN BURNING                        4377          163         1120         5904        18731
      TOTAL (RESIDENTIAL)                16684          356         1504        40514       122559

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                   112           34           53           65          153
            POINT SOURCES                   38           10          109           21           35
      OPEN BURNING
            AREA SOURCES                    27            1           10           49          137
      TOTAL (COMM-INST)
            AREA SOURCES                   139           35           63          114          290
            POINT SOURCES                   38           10          109           21           35

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                   154           31           31          139          207
            POINT SOURCES                   67           31          120           44          110
      OPEN BURNING
            AREA SOURCES                   225            9           77          391         1375
      TOTAL (INDUSTRIAL)
            AREA SOURCES                   379           40          108          530         1582
            POINT SOURCES                   67           31          120           44          110

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                 17202          431         1675        41158       124431
            POINT SOURCES                  173           48          277          168          366

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            295717         8833       189234       348700      2824576
         LIGHT DUTY TRUCKS               51382         2134        39700        52977       484778
         HEAVY DUTY VEHICLES             11053          763        21917        27760       477210
         OFF HIGHWAY                       636          334         6283        22623       242599
         TOTAL (GASOLINE)               358788        12064       257134       452060      4029163

      DIESEL

         HEAVY DUTY VEHICLES             23503         8983        79906        13387        39852
         OFF HIGHWAY                       485          406         4903          720         1450
         RAIL                             1635         3728        24191         6146         8500
         TOTAL (DIESEL)                  25623        13117       109000        20253        49802

   AIRCRAFT

      MILITARY                            2231          210         1342         3968         7144
      CIVIL                                 22           12           33          471        21634
      COMMERCIAL                           181          400         3726         4166         9293
      TOTAL (AIRCRAFT)                    2434          622         5101         8605        38071

   VESSELS

      DIESEL FUEL                          341          425         3176          834         1112
      RESIDUAL OIL                        1462        19271         3166          220          106
      GASOLINE                               0           15           58         2325         7303
      TOTAL (VESSELS)                     1803        19711         6400         3379         8521
```

```
*** 610 ***                                                                                                                        *** 610 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:05 CALIFORNIA      AQCR:028 SACRAMENTO VALLEY                              POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                   PARTICULATES              SOX               NOX                HC                 CO
                                   ************      ************      ************      ************       ************
                                    TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                    12                214                89                 4                 27
            NATURAL GAS                      253                 13              2018               202                506
            WOOD                            1605                 32                64               322              11547
            TOTAL (RESIDENTIAL)             1870                259              2171               528              12080

        ELEC GENERATION (POINT)

            DISTILLATE OIL                     0                  3                 2                 0                  0
            NATURAL GAS                        5                  0                89                 1                  6
            OTHER                             42                  6                42                18                 18
            TOTAL (ELEC GEN)                  47                  9               133                19                 24

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                  26                 69                49                 0                  1
            DISTILLATE OIL
                POINT SOURCES                 31                264               244                12                 42
            NATURAL GAS
                AREA SOURCES                  17                  0              3059              1179                410
                POINT SOURCES                 47                  7               947                16                 68
            WOOD
                POINT SOURCES               2494                869              5692              5109               6198
            TOTAL (INDUSTRIAL)
                AREA SOURCES                  43                 69              3108              1179                411
                POINT SOURCES               2572               1140              6883              5137               6308

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                  71                198               252                 2                 20
            DISTILLATE OIL
                POINT SOURCES                  0                  3                 0                 0                  0
            NATURAL GAS
                AREA SOURCES                  48                  2               587                38                 98
                POINT SOURCES                  3                  0                49                 1                  4
            TOTAL (COMM-INST)
                AREA SOURCES                 119                200               839                40                118
                POINT SOURCES                  3                  3                49                 1                  4

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                2032                528              6118              1747              12609
                POINT SOURCES               2622               1152              7065              5157               6336
```

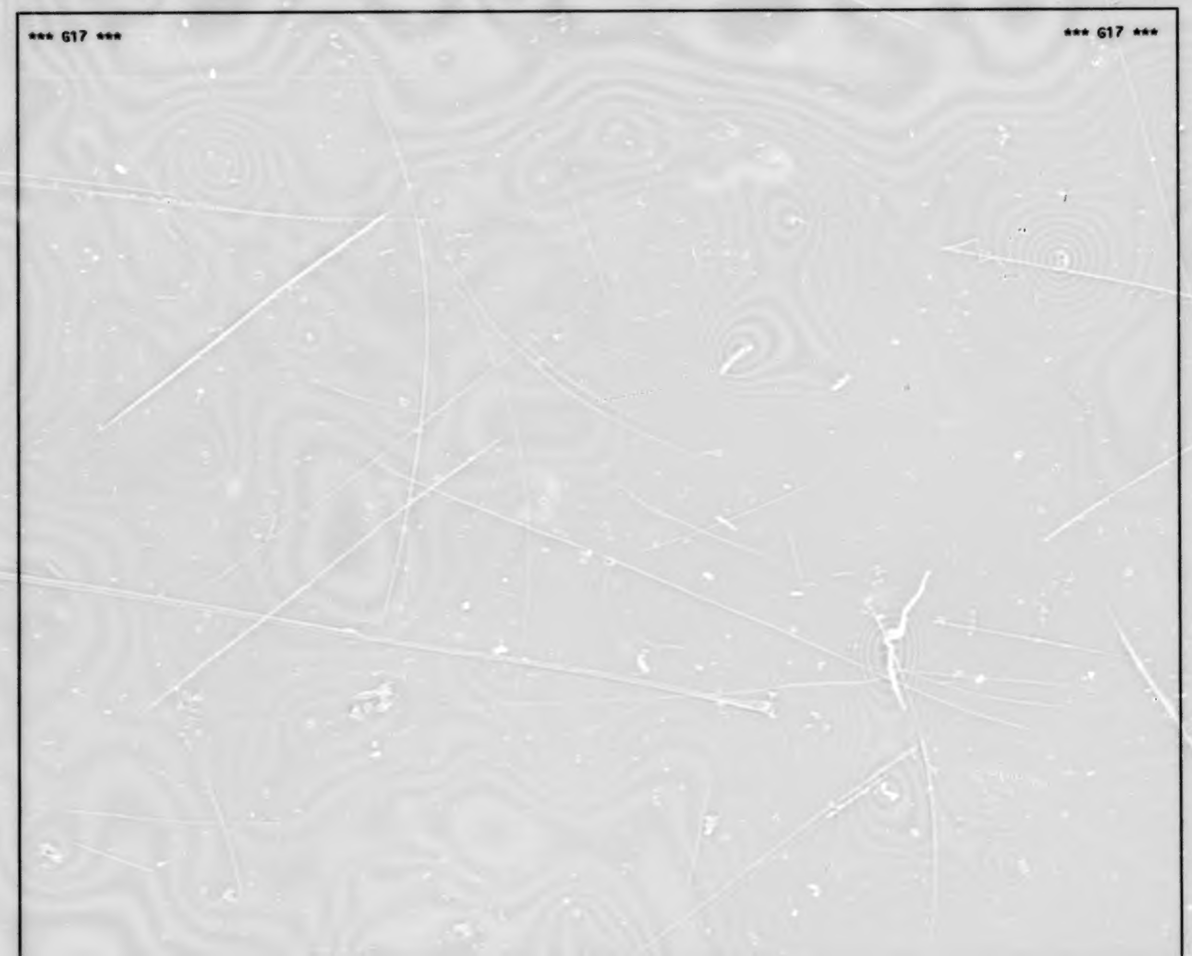
```
*** G11 ***                                                                                          *** G11 ***
                AREA SOURCES                1518         513        10752        3253         8656
                POINT SOURCES              11496      106068        47298        3105         4784

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS                          11           1         8769        3608         1177
         TOTAL (INDUSTRIAL)                   11           1         8769        3608         1177

      TOTAL (INTERNAL COMB)                   11           1         8769        3608         1177

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES                1518         513        10752        3253         8656
                POINT SOURCES              11507      106069        56067        6713         5961

INDUSTRIAL PROCESS (POINT)
***************************

   CHEMICAL MANUFACTURING                    487        5047          401        2592          811
   FOOD/AGRICULTURAL                        5539          68          478        1082           53
   PRIMARY METAL                               9           0            0           0           39
   SECONDARY METALS                           47          10           23           6           37
   MINERAL PRODUCTS                         8551        3073         6457         149          352
   PETROLEUM INDUSTRY                        958        7707         5226       19057        27016
   WOOD PRODUCTS                             677           4           38         368            3
   ORGANIC SOLVENT EVAPORATION                 1           0            0         688            0
   PETROLEUM STORAGE/TRANSPORT                 0           0            0        3282            0
   METAL FABRICATION                           2           0            0           0            0
   OTHER/NOT CLASSIFIED                      912        1037         5061        2480          449
   TOTAL (INDUSTRIAL)                      17183       16946        17684       29704        28760

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OPEN BURNING                           105           7           39         231          559
      TOTAL (GOVERNMENT)                     105           7           39         231          559

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                  2019          31           63        5678        17035
      OPEN BURNING                           717          27          183         967         3067
      TOTAL (RESIDENTIAL)                   2736          58          246        6645        20102

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES                  16           4            8          10           24
                POINT SOURCES                  2           4            4           4           14
      OPEN BURNING
                AREA SOURCES                   5           0            0          10           20
      TOTAL (COMM-INST)
                AREA SOURCES                  21           4            8          20           44
                POINT SOURCES                  2           4            4           4           14

   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES                  19           4            4          18           26
                POINT SOURCES                299          10           43         383         4541
      OPEN BURNING
                AREA SOURCES                  26           0            8          43          155
      TOTAL (INDUSTRIAL)
```

```
*** G12 ***                                                                                          *** G12 ***
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    5413          49        1276        7646       44601
    FOREST MANAGED BURNING              4653          39         927        4182       26040
    STRUCTURAL FIRES                     629           0          71         469        2564
    GASOLINE STA EVAP LOSS                 0           0           0       14452           0
    SOLVENT EVAPORATION LOSS               0           0           0       70876           0
    UNPAVED ROADS                     947760           0           0           0           0
    UNPAVED AIRSTRIPS                    622           0           0           0           0
    TOTAL (MISCELLANEOUS)             959077          88        2274       97625       73205

GRAND TOTAL
***********

    AREA SOURCES                     1052757       20046      167690      308994     2063712

    POINT SOURCES                      45688      124304      146024       30783      113006

    TOTAL                            1098445      144350      313714      339777     2176718
```

```
*** G13 ***                                                                                 *** G13 ***
                AREA SOURCES             201        2426         705          12          59
                POINT SOURCES            121        1577         406           8          30
            DISTILLATE OIL
                AREA SOURCES               1          38          20           0           4
                POINT SOURCES            745        2844         545          24         124
            NATURAL GAS
                AREA SOURCES              50           2         593          40          98
                POINT SOURCES            145          12        8860          63         380
            LIQUID PETROL GAS
                POINT SOURCES              0           6           5           0           1
            OTHER
                POINT SOURCES              3           1          15           3           4
            TOTAL (COMM-INST)
                AREA SOURCES             252        2466        1318          52         161
                POINT SOURCES           1047        4453        9839          98         540

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            1181        6222       29767        9188        4673
                POINT SOURCES           3156       34852       52831        1070       20607

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                14          34         200          16          43
            NATURAL GAS                   15           0        1399         465         231
            TOTAL (ELEC GEN)              29          34        1599         481         274

        INDUSTRIAL FUEL

            NATURAL GAS                    3           0         865         356         110
            TOTAL (INDUSTRIAL)             3           0         865         356         110

        TOTAL (INTERNAL COMB)             32          34        2464         837         384

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            1181        6222       29767        9188        4673
                POINT SOURCES           3188       34886       55295        1907       20991

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                19          30           1         264           0
    FOOD/AGRICULTURAL                    775           0           0           0           0
    PRIMARY METAL                         20           0           0           0           0
    SECONDARY METALS                     392         122           1           0           0
    MINERAL PRODUCTS                    4942        4540        1206          11          13
    PETROLEUM INDUSTRY                   199        1720         334        1291       42495
    WOOD PRODUCTS                         25           0           0           0           0
    ORGANIC SOLVENT EVAPORATION            0           0           0       11105           0
    PETROLEUM STORAGE/TRANSPORT            1           0           0        1252           0
    METAL FABRICATION                    114           0           0          70           0
    OTHER/NOT CLASSIFIED                  30         749           0         720           0
    TOTAL (INDUSTRIAL)                  6517        7161        1542       14713       42508

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            1432          21          45        4029       12084
        OPEN BURNING                     962          34         246        1298        4117
        TOTAL (RESIDENTIAL)             2394          55         291        5327       16201

    COMMERCIAL-INSTITUTIONAL
```

AREA SOURCES	153	1444	1723	92	355
POINT SOURCES	13	180	126	2	13
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1560	9306	9527	499	2965
POINT SOURCES	2169	34072	26319	288	1430
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
OTHER	4	5	60	5	13
TOTAL (ELEC GEN)	4	5	60	5	13
INDUSTRIAL FUEL					
DISTILLATE OIL	8	47	109	8	24
NATURAL GAS	0	0	4	1	1
GASOLINE	12	10	188	297	7364
TOTAL (INDUSTRIAL)	20	57	301	306	7389
ENGINE-TESTING					
TOTAL (ENG TESTNG)	33	27	53	115	106
TOTAL (INTERNAL COMB)	57	89	414	426	7508
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1560	9306	9527	499	2965
POINT SOURCES	2226	34161	26733	714	8938
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	37	0	0	249	0
FOOD/AGRICULTURAL	27	0	0	0	0
SECONDARY METALS	1659	0	1	70	20
MINERAL PRODUCTS	11988	481	134	2	4
WOOD PRODUCTS	2	0	0	0	0
ORGANIC SOLVENT EVAPORATION	1	0	0	25709	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	2127	0
METAL FABRICATION	18	0	0	108	0
TEXTILE MANUFACTURING	0	0	0	144	0
OTHER/NOT CLASSIFIED	257	0	8	1956	46
TOTAL (INDUSTRIAL)	13989	481	143	30365	70
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	31	6	8	4	91
OTHER INCINERATION	28	4	14	2	61
TOTAL (GOVERNMENT)	59	10	22	6	152
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1083	17	34	3045	9134
OPEN BURNING	1636	61	418	2207	7001
TOTAL (RESIDENTIAL)	2719	78	452	5252	16135
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION AREA SOURCES	9	2	4	5	12

```
*** G16 ***                                                                                          *** G16 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:08 DELAWARE       AQCR:045 METROPOLITAN PHILADELPHIA    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX           NOX            HC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              10             27              3              3             91
         DISTILLATE OIL               62            709            443             25            123
         NATURAL GAS                  33              2            267             27             67
         WOOD                         39              1              2              8            279
         TOTAL (RESIDENTIAL)         144            739            715             63            560

      ELEC GENERATION (POINT)

         RESIDUAL OIL                418          20432          14083            134            671
         DISTILLATE OIL                5            108             83              3             14
         NATURAL GAS                   5              1           1393              2             34
         PROCESS GAS                   6              0           1699              2             41
         OTHER                       170          27383           2393              4            133
         TOTAL (ELEC GEN)            604          47924          19651            145            893

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              13             36             16              0              1
         BITUMINOUS COAL
            AREA SOURCES             107            679            179              5             12
         RESIDUAL OIL
            POINT SOURCES            559           7501           3015             50            251
         DISTILLATE OIL
            POINT SOURCES             28            420            211              9             48
         NATURAL GAS
            AREA SOURCES               8              1            150              3             14
            POINT SOURCES            237              1            639             10             42
         TOTAL (INDUSTRIAL)
            AREA SOURCES             128            716            345              8             27
            POINT SOURCES            824           7922           3865             69            341

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              36             87             38              0              3
            POINT SOURCES              2              4              2              0              0
         RESIDUAL OIL
            AREA SOURCES             329           4277           1153             19             96
            POINT SOURCES             93           1232            465              8             39
         DISTILLATE OIL
```


*** 617 ***
*** 617 ***

TOTAL (EXTERNAL COMB)					
AREA SOURCES	1152	4131	4085	1009	4520
POINT SOURCES	8842	122459	52534	2263	3891
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	986	10218	856	70	469
NATURAL GAS	23	3	425	160	61
TOTAL (ELEC GEN)	1009	10221	1281	230	530
TOTAL (INTERNAL COMB)	1009	10221	1281	230	530
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1152	4131	4085	1009	4520
POINT SOURCES	9851	132680	53815	2493	4421
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	2055	1573	0	2615	76
FOOD/AGRICULTURAL	64	1176	0	0	36
PRIMARY METAL	12	229	0	0	8
SECONDARY METALS	1963	278	15	0	7
MINERAL PRODUCTS	1846	1639	0	77	56
WOOD PRODUCTS	2575	10014	2334	0	71668
ORGANIC SOLVENT EVAPORATION	0	0	0	11206	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	7787	0
OTHER/NOT CLASSIFIED	1	11214	0	0	4
TOTAL (INDUSTRIAL)	8516	26123	2349	21685	71855
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	51	39	198	39	0
TOTAL (GOVERNMENT)	51	39	198	39	0
RESIDENTIAL (AREA)					
ON SITE INCINERATION	43	0	0	126	380
OPEN BURNING	3471	129	888	4682	14853
TOTAL (RESIDENTIAL)	3514	129	888	4808	15233
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	3	1	1	2	7
POINT SOURCES	5	806	6	16	28
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	4	1	1	4	11
POINT SOURCES	5	806	6	16	28
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	11	1	1	10	16
POINT SOURCES	28	145	68	480	646
OPEN BURNING					
AREA SOURCES	14	1	5	24	85
TOTAL (INDUSTRIAL)					

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT
STATE 01:ALABAMA

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	411	1559	58	411	1843
DISTILLATE OIL	0	32	17	0	2
NATURAL GAS	330	12	2638	269	667
WOOD	5808	116	237	1169	41751
TOTAL (RESIDENTIAL)	6549	1719	2950	1849	44263
ELEC GENERATION (POINT)					
BITUMINOUS COAL	24896	745901	194658	2718	9061
DISTILLATE OIL	0	22	13	0	2
NATURAL GAS	420	9	2443	4	61
PROCESS GAS	9	0	543	0	6
OTHER	555	401	6085	541	724
TOTAL (ELEC GEN)	25880	746333	203742	3263	9854
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	8146	47614	12542	370	817
POINT SOURCES	6238	45823	10226	497	1094
RESIDUAL OIL					
POINT SOURCES	2813	50108	10787	179	771
DISTILLATE OIL					
AREA SOURCES	308	2880	3575	197	510
POINT SOURCES	166	1306	500	28	115
NATURAL GAS					
AREA SOURCES	443	19	47827	17284	6300
POINT SOURCES	628	2132	14013	70	451
PROCESS GAS					
AREA SOURCES	14	56	63	1	2
POINT SOURCES	943	16827	352	10	100
COKE					
POINT SOURCES	1	38	86	0	4
WOOD					
POINT SOURCES	5845	3879	11383	2276	2276
LIQUID PETROL GAS					
POINT SOURCES	1	0	12	0	2
TOTAL (INDUSTRIAL)					
AREA SOURCES	8911	50569	64007	17852	7629
POINT SOURCES	16635	120113	47359	3060	4813
COMM-INSTITUTIONAL FUEL					

```
*** H02 ***                                                                                                  *** H02 ***
          LIGHT DUTY VEHICLES              8315          368          8957         13143        109161
          LIGHT DUTY TRUCKS                1865          120          2673          3509         25685
          HEAVY DUTY VEHICLES               360           33          1132          1338         18196
          OFF HIGHWAY                        36           21           368          1326         14228
          TOTAL (GASOLINE)                10576          542         13130         19316        167270

       DIESEL

          HEAVY DUTY VEHICLES               952          460          4242           513          1522
          OFF HIGHWAY                       302          254          3072           452           910
          RAIL                               21           43           278            71            98
          TOTAL (DIESEL)                   1275          757          7592          1036          2530

    AIRCRAFT

       CIVIL                                  0            0             0            13           641
       TOTAL (AIRCRAFT)                       0            0             0            13           641

    VESSELS

       GASOLINE                               0            9            31          1302          4093
       TOTAL (VESSELS)                        0            9            31          1302          4093

    TOTAL (TRANSPORTATION)                11851         1308         20753         21667        174534

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       4606           40          1085          6503         37938
    FOREST MANAGED BURNING                  702            5  14[illegible]          632          3928
    AGRICULTURAL BURNING                     66            0             8            77           433
    STRUCTURAL FIRES                        114            0            13            85           467
    GASOLINE STA EVAP LOSS                    0            0             0          2395             0
    SOLVENT EVAPORATION LOSS                  0            0             0         15120             0
    UNPAVED ROADS                         16706            0             0             0             0
    TOTAL (MISCELLANEOUS)                 22194           45          1247         24812         42766

GRAND TOTAL
***********

    AREA SOURCES                          36805         6033         29547         50698        229327

    POINT SOURCES                         11370        29612         12090          2372         25267

    TOTAL                                 48175        35645         41637         53070        254594
```

```
*** H03 ***                                                                                          *** H03 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:01 ALABAMA      AQCR:007 TENNESSEE RIVER VALLEY-CUMBERL    POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                 PARTICULATES        SOX            NOX            HC             CO
                                 ************   ************   ************   ************   ************
                                  TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  172            653             27            172            773
         DISTILLATE OIL                     0              9              6              0              1
         NATURAL GAS                       76              2            602             59            155
         WOOD                             635             13             28            128           4563
         TOTAL (RESIDENTIAL)              883            677            663            359           5492

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 5426         296528          53777            895           2986
         DISTILLATE OIL                     0             14             10              0              2
         OTHER                             40             47            311             62             62
         TOTAL (ELEC GEN)                5466         296589          54098            957           3050

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 2326          13754           3621            108            237
            POINT SOURCES                 525          25802           5155            319            667
         RESIDUAL OIL
            POINT SOURCES                1756          22757           5903             97            363
         DISTILLATE OIL
            AREA SOURCES                   92            897           1089             57            155
            POINT SOURCES                  73            189             46              8             13
         NATURAL GAS
            AREA SOURCES                  163              8          17610           6363           2320
            POINT SOURCES                  93              3           3008             26             76
         WOOD
            POINT SOURCES                 101            173            596            119            119
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 2581          14659          22320           6528           2712
            POINT SOURCES                2548          48924          14708            569           1238

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES                    7            112             86              2             19
            POINT SOURCES                   1             17             11              0              2
         NATURAL GAS
            AREA SOURCES                   32              1            382             25             63
            POINT SOURCES                   0              0              1              0              0
         TOTAL (COMM-INST)
            AREA SOURCES                   39            113            468             27             82
            POINT SOURCES                   1             17             12              0              2
```

```
    TOTAL (INDUSTRIAL)
          AREA SOURCES                  3             0             1             5            16
          POINT SOURCES                29            12            29            42           124

  TOTAL (SOLID WASTE DISP)
          AREA SOURCES                813            25           153          1458          4498
          POINT SOURCES                33            12            29            46           131

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

    GASOLINE

      LIGHT DUTY VEHICLES             738            27           683          1058          9896
      LIGHT DUTY TRUCKS               604            32           789          1169          9748
      HEAVY DUTY VEHICLES              80             6           247           338          4564
      OFF HIGHWAY                       1             1            21            74           810
      TOTAL (GASOLINE)               1423            66          1740          2639         25018

    DIESEL

      HEAVY DUTY VEHICLES             112            49           555            80           209
      OFF HIGHWAY                      61            51           620            91           183
      RAIL                              5            14            90            21            32
      TOTAL (DIESEL)                  178           114          1265           192           424

  AIRCRAFT

    MILITARY                          411            39           247           732          1317
    CIVIL                               1             0             1            42          1910
    COMMERCIAL                          9            19           182           203           453
    TOTAL (AIRCRAFT)                  421            58           430           977          3680

  VESSELS

    DIESEL FUEL                         4             5            38            10            13
    GASOLINE                            0             0             3           145           455
    TOTAL (VESSELS)                     4             5            41           155           468

  TOTAL (TRANSPORTATION)             2026           243          3476          3963         29590

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                    121             0            27           170           995
  FOREST MANAGED BURNING               15             0             3            14            84
  STRUCTURAL FIRES                     20             0             2            15            81
  GASOLINE STA EVAP LOSS                0             0             0           350             0
  SOLVENT EVAPORATION LOSS              0             0             0           821             0
  UNPAVED ROADS                     84647             0             0             0             0
  UNPAVED AIRSTRIPS                   565             0             0             0             0
  TOTAL (MISCELLANEOUS)             85368             0            32          1370          1160

GRAND TOTAL
***********

  AREA SOURCES                      88796           620          4094          6919         39290

  POINT SOURCES                      6525          4449         11858          1942          1990

  TOTAL                             95321          5069         15952          8861         41280
```

```
*** H05 ***                                                                                                   *** H05 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                                ******************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                                *******************************

                                                                                    RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                            AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                           POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:03 ARIZONA        AQCR:012 ARIZONA-NEW MEXICO-SOUTHERN BO

                                   PARTICULATES         SOX              NOX              HC               CO
                                   ************    ************     ************     ************     ************
                                    TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                     0               6                2                0                1
         NATURAL GAS                        9               0               71                7               18
         TOTAL (RESIDENTIAL)                9               6               73                7               19

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                  565            1011            13188              133              443
         RESIDUAL OIL                       5              56              155                1                5
         NATURAL GAS                        1               0               17                0                2
         TOTAL (ELEC GEN)                 571            1067            13360              134              450

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  201             706              372               12               24
         RESIDUAL OIL
            POINT SOURCES                  46             607              153                3               13
         DISTILLATE OIL
            AREA SOURCES                    3              34               28                1                4
         NATURAL GAS
            AREA SOURCES                    1               0              210               84               29
            POINT SOURCES                   2               0              313                0                7
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  205             740              610               97               57
            POINT SOURCES                  48             607              466                3               20

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                 111             176              185                3               10
         RESIDUAL OIL
            AREA SOURCES                    1              19                4                0                0
         DISTILLATE OIL
            AREA SOURCES                    0              10                5                0                1
         NATURAL GAS
            AREA SOURCES                    0               0                4                0                1
            POINT SOURCES                   0               0               91                0                3
         OTHER
            POINT SOURCES                   1               0                2                0                0
         TOTAL (COMM-INST)
            AREA SOURCES                    1              29               13                0                2
            POINT SOURCES                 112             176              278                3               13
```

```
*** H06 ***                                                                                          *** H06 ***
***********

   AREA SOURCES                        549094        40414       139000       180172       917958

   POINT SOURCES                        13726       518441        30179        11519        45756

   TOTAL                               562820       558855       169179       191691       963714
```

```
*** H07 ***                                                                                    *** H07 ***
SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            15          0          0         42        127
        OPEN BURNING                   110          4         28        148        469
        TOTAL (RESIDENTIAL)            125          4         28        190        596

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             3          1          2          2          5
        TOTAL (COMM-INST)
                AREA SOURCES             3          1          2          2          5

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             3          1          1          2          3
        OPEN BURNING
                AREA SOURCES             1          0          0          1          5
        TOTAL (INDUSTRIAL)
                AREA SOURCES             4          1          1          3          8

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           132          6         31        195        609

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        661         26        599        847       7476
            LIGHT DUTY TRUCKS          198         11        230        304       2366
            HEAVY DUTY VEHICLES         41          4        113        147       2005
            OFF HIGHWAY                  4          2         44        158       1699
            TOTAL (GASOLINE)           904         43        986       1456      13546

        DIESEL

            HEAVY DUTY VEHICLES        118         52        485         64        188
            OFF HIGHWAY                 28         24        284         42         84
            RAIL                        12         28        181         46         64
            TOTAL (DIESEL)             158        104        950        152        336

    AIRCRAFT

        MILITARY                         1          0          0          1          2
        CIVIL                            0          0          0          6        268
        TOTAL (AIRCRAFT)                 1          0          0          7        270

    VESSELS

        DIESEL FUEL                     22         28        208         55         73
        GASOLINE                         0          4         14        575       1807
        TOTAL (VESSELS)                 22         32        222        630       1880

    TOTAL (TRANSPORTATION)            1085        179       2158       2245      16032

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     7          0          2         10         57
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:04 ARKANSAS AQCR:022 SHREVEPORT-TEXARKANA-TYLER

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	0	3	3	0	0
NATURAL GAS	19	0	153	14	39
WOOD	190	4	8	40	1350
TOTAL (RESIDENTIAL)	209	7	164	54	1389
ELEC GENERATION (POINT)					
RESIDUAL OIL	26	323	243	2	12
NATURAL GAS	31	2	2184	3	53
TOTAL (ELEC GEN)	57	325	2427	5	65
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	80	832	146	4	10
POINT SOURCES	77	921	0	0	0
RESIDUAL OIL					
AREA SOURCES	5	61	15	0	0
POINT SOURCES	0	468	0	0	0
DISTILLATE OIL					
POINT SOURCES	12	108	128	6	29
NATURAL GAS					
AREA SOURCES	12	0	1510	562	202
POINT SOURCES	26	27	8154	136	770
WOOD					
POINT SOURCES	396	349	2317	463	463
TOTAL (INDUSTRIAL)					
AREA SOURCES	97	893	1671	566	212
POINT SOURCES	511	1873	10599	605	1262
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	12	151	38	0	3
DISTILLATE OIL					
AREA SOURCES	0	5	3	0	0
NATURAL GAS					
AREA SOURCES	8	0	90	6	14
TOTAL (COMM-INST)					
AREA SOURCES	20	156	131	6	17
TOTAL (EXTERNAL COMB)					
AREA SOURCES	326	1056	1966	626	1618

```
*** H09 ***                                                                                                 *** H09 ***
    TOTAL (TRANSPORTATION)             388648          45514          377635          484297         4125557

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     4260             38            1003            6014           35086
    FOREST MANAGED BURNING                 91              0              19              82             508
    AGRICULTURAL BURNING                   21              0               3              25             144
    STRUCTURAL FIRES                     2928              8             348            2191           11914
    GASOLINE STA EVAP LOSS                  0              0               0           55467               0
    SOLVENT EVAPORATION LOSS                0              0               0          369214               0
    UNPAVED ROADS                      223080              0               0               0               0
    UNPAVED AIRSTRIPS                     670              0               0               0               0
    TOTAL (MISCELLANEOUS)              231050             46            1373          432993           47652

GRAND TOTAL
***********

    AREA SOURCES                       640728          49362          447400          978111         4311686

    POINT SOURCES                       63138         185931          154188          323847           78538

    TOTAL                              703866         235293          601588         1301958         4390224
```

INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	1	0	23	2	6
TOTAL (INDUSTRIAL)	1	0	23	2	6
ENGINE-TESTING					
TOTAL (ENG TESTNG)	6	0	0	0	7
TOTAL (INTERNAL COMB)	7	0	23	2	13
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2032	528	6118	1747	12609
POINT SOURCES	2629	1152	7088	5159	6349
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	176	0	10	2555	9
FOOD/AGRICULTURAL	2716	0	149	5	16
SECONDARY METALS	12	0	0	1	0
MINERAL PRODUCTS	5793	149	160	50	28
WOOD PRODUCTS	1090	90	190	156	323
ORGANIC SOLVENT EVAPORATION	3	0	0	10721	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	4346	0
OTHER/NOT CLASSIFIED	0	20	7	0	11
TOTAL (INDUSTRIAL)	9790	259	516	17834	387
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OPEN BURNING	29	2	11	76	155
TOTAL (GOVERNMENT)	29	2	11	76	155
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1364	21	43	3831	11492
OPEN BURNING	488	17	125	658	2095
TOTAL (RESIDENTIAL)	1852	38	168	4489	13587
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	6	2	3	4	12
OPEN BURNING					
AREA SOURCES	2	0	1	3	9
TOTAL (COMM-INST)					
AREA SOURCES	8	2	4	7	21
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	16	2	2	15	22
POINT SOURCES	685	18	141	1141	13437
OPEN BURNING					
AREA SOURCES	22	1	7	34	125
POINT SOURCES	61	0	3	20	105
TOTAL (INDUSTRIAL)					
AREA SOURCES	38	3	9	49	147
POINT SOURCES	746	18	144	1161	13542

```
*** H11 ***                                                                                                   *** H11 ***
                AREA SOURCES               45            4           12           61          181
                POINT SOURCES             299           10           43          383         4541

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES             2802           66          266         6726        20327
                POINT SOURCES             406           21           86          618         5114

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            38027         1442        31341        54866       415710
         LIGHT DUTY TRUCKS              11788          629        11771        14200       119873
         HEAVY DUTY VEHICLES             2040          167         5126         5524        93898
         OFF HIGHWAY                      203          107         2014         7259        77832
         TOTAL (GASOLINE)               52058         2345        50252        81849       707313

      DIESEL

         HEAVY DUTY VEHICLES             5861         2543        22847         3329         9892
         OFF HIGHWAY                      839          703         8501         1251         2516
         RAIL                             297          673         4373         1113         1538
         TOTAL (DIESEL)                  6997         3919        35721         5693        13946

   AIRCRAFT

      MILITARY                           1604          151          966         2854         5142
      CIVIL                                 5            3            9          144         6595
      COMMERCIAL                           15           33          314          352          785
      TOTAL (AIRCRAFT)                   1624          187         1289         3350        12522

   VESSELS

      DIESEL FUEL                          35           45          333           88          117
      RESIDUAL OIL                         67          883          145           10            5
      GASOLINE                              0           12           50         2007         6304
      TOTAL (VESSELS)                     102          940          528         2105         6426

   TOTAL (TRANSPORTATION)               60781         7391        87790        92997       740207

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      2731           23          642         3857        22496
   FOREST MANAGED BURNING                5748           42         1150         5173        32185
   AGRICULTURAL BURNING                  2597            0          363         3070        17073
   STRUCTURAL FIRES                       488            0           57          365         1990
   GASOLINE STA EVAP LOSS                   0            0            0        10648            0
   SOLVENT EVAPORATION LOSS                 0            0            0        42543            0
   UNPAVED ROADS                       105000            0            0            0            0
   UNPAVED AIRSTRIPS                      361            0            0            0            0
   TOTAL (MISCELLANEOUS)               116925           65         2212        65656        73744

GRAND TOTAL
***********

   AREA SOURCES                        182026         8035       101020       168632       842934

   POINT SOURCES                        29096       123036        73837        37035        39835

   TOTAL                               211122       131071       174857       205667       882769
```

```
      ON SITE INCINERATION
              AREA SOURCES             43            14            21            26            59
              POINT SOURCES             6             1             1             6             9
      OPEN BURNING
              AREA SOURCES              2             0             1             3             9
      TOTAL (COMM-INST)
              AREA SOURCES             45            14            22            29            68
              POINT SOURCES             6             1             1             6             9

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES              7             1             1             6            10
              POINT SOURCES           585           428          2082          1501           181
      OPEN BURNING
              AREA SOURCES              1             0             0             1             5
      TOTAL (INDUSTRIAL)
              AREA SOURCES              8             1             1             7            15
              POINT SOURCES           585           428          2082          1501           181

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES           2447            70           314          5363         16284
              POINT SOURCES           591           429          2083          1507           190

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        36186          1119         19163         62186        706920
         LIGHT DUTY TRUCKS           8461           370          5854         17718        188030
         HEAVY DUTY VEHICLES         1541           109          2296          6978        120800
         OFF HIGHWAY                   64            34           644          2318         24856
         TOTAL (GASOLINE)           46252          1632         27957         89200       1040606

      DIESEL

         HEAVY DUTY VEHICLES         3320          1288         12940          4174          9369
         OFF HIGHWAY                  773           650          7827          1150          2317
         RAIL                         595          1355          8798          2234          3093
         TOTAL (DIESEL)              4688          3293         29565          7558         14779

   AIRCRAFT

      MILITARY                        168            16           101           297           537
      CIVIL                             6             2             8           127          5842
      COMMERCIAL                       89           195          1824          2041          4552
      TOTAL (AIRCRAFT)                263           213          1933          2465         10931

   VESSELS

      GASOLINE                          0             0             3           125           396
      TOTAL (VESSELS)                   0             0             3           125           396

   TOTAL (TRANSPORTATION)           51203          5138         59458         99348       1066712

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   238             3            56           339          1972
   FOREST MANAGED BURNING            1189             9           237          1069          6652
   STRUCTURAL FIRES                   354             0            42           266          1446
   GASOLINE STA EVAP LOSS               0             0             0          7152             0
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:06 COLORADO        AQCR:040 YAMPA                             POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES        SOX           NOX           HC            CO
                               ************   ************  ************  ************  ************
                                TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 6            12             1             6            28
         DISTILLATE OIL                  0             9             3             0             0
         NATURAL GAS                     8             0            59             6            15
         TOTAL (RESIDENTIAL)            14            21            63            12            43

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               509         12469         12840           214           713
         DISTILLATE OIL                  0             5             5             0             1
         TOTAL (ELEC GEN)              509         12474         12845           214           714

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               15           390           220            15            29
         RESIDUAL OIL
            AREA SOURCES                 1            11             3             0             0
         DISTILLATE OIL
            AREA SOURCES                 0             3             2             0             0
         NATURAL GAS
            AREA SOURCES                 2             0           176            63            23
            POINT SOURCES               16             1          1056             1            26
         LIQUID PETROL GAS
            POINT SOURCES                0            28             2             0             0
         OTHER
            POINT SOURCES                0            13             1             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 3            14           181            63            23
            POINT SOURCES               31           432          1279            16            55

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                25           299            87             1             7
         DISTILLATE OIL
            AREA SOURCES                 0             4             3             0             0
         NATURAL GAS
            AREA SOURCES                 4             0            55             3             9
         WOOD
            POINT SOURCES                5             5            36             7             7
         TOTAL (COMM-INST)
            AREA SOURCES                29           303           145             4            16
            POINT SOURCES                5             5            36             7             7
```

```
*** H15 ***                                                                                                          *** H15 ***
               POINT SOURCES                  85               1              32               1               3
     TOTAL (COMM-INST)
               AREA SOURCES                    9               2               4               5              12
               POINT SOURCES                  85               1              32               1               3

  INDUSTRIAL

     ON SITE INCINERATION
               POINT SOURCES                 124              38              43              76             174
     TOTAL (INDUSTRIAL)
               POINT SOURCES                 124              38              43              76             174

  TOTAL (SOLID WASTE DISP)
               AREA SOURCES                 2728              80             456            5257           16147
               POINT SOURCES                 268              49              97              83             329

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

          LIGHT DUTY VEHICLES              35454            1184           29314           47428          439002
          LIGHT DUTY TRUCKS                 3779             177            4023            5975           49249
          HEAVY DUTY VEHICLES               1136              85            2763            4249           57544
          OFF HIGHWAY                         71              38             710            2554           27392
          TOTAL (GASOLINE)                 40440            1484           36810           60206          573187

     DIESEL

          HEAVY DUTY VEHICLES               2955            1186           11876            1799            5046
          OFF HIGHWAY                        492             413            4982             733            1475
          RAIL                                47             105             683             174             239
          TOTAL (DIESEL)                    3494            1704           17541            2706            6760

  AIRCRAFT

     MILITARY                                 49               4              29              87             156
     CIVIL                                     2               1               3              45            2046
     COMMERCIAL                               31              67             627             702            1566
     TOTAL (AIRCRAFT)                         82              72             659             834            3768

  VESSELS

     DIESEL FUEL                              12              15             112              29              39
     RESIDUAL OIL                              1              13               2               0               0
     GASOLINE                                  0               9              34            1360            4273
     TOTAL (VESSELS)                          13              37             148            1389            4312

  TOTAL (TRANSPORTATION)                   44029            3297           55158           65135          588027

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                            13               0               3              19             111
  STRUCTURAL FIRES                           480               2              57             359            1952
  GASOLINE STA EVAP LOSS                       0               0               0            7255               0
  SOLVENT EVAPORATION LOSS                     0               0               0           75300               0
  UNPAVED ROADS                             1156               0               0               0               0
  UNPAVED AIRSTRIPS                            2               0               0               0               0
  TOTAL (MISCELLANEOUS)                     1651               2              60           82933            2063

GRAND TOTAL
***********
```

```
*** H16 ***                                                                        *** H16 ***
              AREA SOURCES             15          213          163            7           37
              POINT SOURCES             4           95           38            2            9
          NATURAL GAS
              AREA SOURCES             14            1          165           11           28
              POINT SOURCES             1            0            6            0            1
          TOTAL (COMM-INST)
              AREA SOURCES            394         4578         1519           37          164
              POINT SOURCES           100         1331          511           10           49

      TOTAL (EXTERNAL COMB)
              AREA SOURCES            666         6033         2579          108          751
              POINT SOURCES          1528        57177        24027          224         1283

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES            666         6033         2579          108          751
              POINT SOURCES          1528        57177        24027          224         1283

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING            6776         4479           53         3281           28
   PRIMARY METAL                      263            0            0            0           54
   SECONDARY METALS                    25            0            0            0           15
   MINERAL PRODUCTS                     9            0            9            1            0
   PETROLEUM INDUSTRY                2775         5589         2623        11916          321
   ORGANIC SOLVENT EVAPORATION          4            0            0        12385            0
   PETROLEUM STORAGE/TRANSPORT          0            0            0         1146            0
   TEXTILE MANUFACTURING                0            0            0           28            0
   OTHER/NOT CLASSIFIED                 4            0            0           76            0
   TOTAL (INDUSTRIAL)                9856        10068         2685        28833          418

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       OTHER INCINERATION               3            0            2            0            0
       TOTAL (GOVERNMENT)               3            0            2            0            0

   RESIDENTIAL (AREA)

       ON SITE INCINERATION            21            0            1           58          174
       TOTAL (RESIDENTIAL)             21            0            1           58          174

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES             46           14           22           26           62
              POINT SOURCES             2            0            1            1            2
       TOTAL (COMM-INST)
              AREA SOURCES             46           14           22           26           62
              POINT SOURCES             2            0            1            1            2

   INDUSTRIAL

       ON SITE INCINERATION
              AREA SOURCES             70           14           14           63           94
              POINT SOURCES             5            3            3            3           10
       TOTAL (INDUSTRIAL)
              AREA SOURCES             70           14           14           63           94
              POINT SOURCES             5            3            3            3           10

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES            137           28           37          147          330
              POINT SOURCES            10            3            6            4           12
```

```
*** H17 ***                                                                                              *** H17 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE EMISSIONS REPORT                                           RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                          AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE 10:FLORIDA                                     POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                               PARTICULATES          SOX              NOX              HC               CO
                               ************     ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 79              968              603               29              161
         NATURAL GAS                   189                5             1506              148              379
         WOOD                          941               13               36              196             6705
         TOTAL (RESIDENTIAL)          1209              986             2145              373             7245

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             22416           291584            98010             1209             4033
         LIGNITE                         0                0                4                0                0
         RESIDUAL OIL                19489           379347           156085             1502             6852
         DISTILLATE OIL                986             1191             1018               33              336
         NATURAL GAS                  1574            20703            52404              116             1191
         OTHER                         548             2156                0                0                0
         TOTAL (ELEC GEN)            45013           694981           307521             2860            12412

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              2149            12391             3264               92              211
            POINT SOURCES               84              437              201                3               11
         RESIDUAL OIL
            POINT SOURCES             5183            80921            15927              266             1272
         DISTILLATE OIL
            AREA SOURCES               138             1418             1728               88              245
            POINT SOURCES              204             2867              520               23              127
         NATURAL GAS
            AREA SOURCES                90                4            11479             4238             1521
            POINT SOURCES              388             1299            13500               68              480
         WOOD
            POINT SOURCES             9284             4183            20578             4115             4186
         BAGASSE
            POINT SOURCES             2721              221             2063             2956              757
         OTHER
            POINT SOURCES                1              417               11                1                3
         TOTAL (INDUSTRIAL)
            AREA SOURCES              2377            13813            16471             4418             1977
            POINT SOURCES            17865            90345            52800             7432             6836

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               558             7232             1951               30              156
            POINT SOURCES              411             6842             1501               26              124
```

AREA SOURCES	25	2	6	34	101
POINT SOURCES	28	145	68	480	646
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	3543	132	895	4846	15345
POINT SOURCES	84	990	272	535	674
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	27256	1051	23909	34643	299282
LIGHT DUTY TRUCKS	5859	342	7344	9409	70105
HEAVY DUTY VEHICLES	1655	132	4180	5631	78515
OFF HIGHWAY	81	43	805	2902	31113
TOTAL (GASOLINE)	34851	1568	36238	52585	479015
DIESEL					
HEAVY DUTY VEHICLES	4293	1775	16173	2362	7115
OFF HIGHWAY	239	202	2434	360	720
RAIL	94	211	1369	348	481
TOTAL (DIESEL)	4626	2188	19976	3070	8316
AIRCRAFT					
MILITARY	852	79	513	1515	2728
CIVIL	2	0	4	60	2834
COMMERCIAL	18	39	372	416	927
TOTAL (AIRCRAFT)	872	118	889	1991	6489
VESSELS					
DIESEL FUEL	266	334	2482	652	868
RESIDUAL OIL	382	5042	829	57	28
GASOLINE	0	38	146	5998	18851
TOTAL (VESSELS)	648	5414	3457	6707	19747
TOTAL (TRANSPORTATION)	40997	9288	60560	64353	513567
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	848	5	199	1195	6983
FOREST MANAGED BURNING	7884	59	1576	7093	44144
STRUCTURAL FIRES	318	0	35	238	1293
GASOLINE STA EVAP LOSS	0	0	0	7670	0
SOLVENT EVAPORATION LOSS	0	0	0	30420	0
UNPAVED ROADS	91045	0	0	0	0
UNPAVED AIRSTRIPS	5	0	0	0	0
TOTAL (MISCELLANEOUS)	100100	64	1810	46616	52420
GRAND TOTAL ***********					
AREA SOURCES	145792	13615	67350	116824	585852
POINT SOURCES	18451	159793	56436	24713	76950
TOTAL	164243	173408	123786	141537	662802

*** I01 ***

*** I

RESIDUAL OIL					
POINT SOURCES	3	43	8	0	0
DISTILLATE OIL					
AREA SOURCES	39	624	483	17	105
POINT SOURCES	2	122	30	1	6
NATURAL GAS					
AREA SOURCES	177	6	2136	139	356
POINT SOURCES	5	0	233	1	10
WOOD					
POINT SOURCES	124	104	703	141	141
TOTAL (COMM-INST)					
AREA SOURCES	216	630	2619	156	461
POINT SOURCES	134	269	974	143	157
TOTAL (EXTERNAL COMB)					
AREA SOURCES	15676	52918	69576	19857	52353
POINT SOURCES	42649	866715	252075	6466	14824
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	0	4	148	12	33
TOTAL (ELEC GEN)	0	4	148	12	33
INDUSTRIAL FUEL					
DISTILLATE OIL	0	2	0	1	0
NATURAL GAS	0	0	8	41	3
TOTAL (INDUSTRIAL)	0	2	8	42	3
TOTAL (INTERNAL COMB)	0	6	156	54	36
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	15676	52918	69576	19857	52353
POINT SOURCES	42649	866721	252231	6520	14860
INDUSTRIAL PROCESS (POINT) ****************************					
CHEMICAL MANUFACTURING	1595	33288	6856	16218	34819
FOOD/AGRICULTURAL	3721	495	0	1076	0
PRIMARY METAL	25325	26055	611	11380	39506
SECONDARY METALS	3270	3572	1129	39	89010
MINERAL PRODUCTS	12152	11166	3495	768	608
PETROLEUM INDUSTRY	228	9038	1012	21673	1504
WOOD PRODUCTS	12150	7908	4000	199	80548
ORGANIC SOLVENT EVAPORATION	60	0	0	3682	0
PETROLEUM STORAGE/TRANSPORT	80	0	0	3344	0
METAL FABRICATION	534	0	0	0	0
TEXTILE MANUFACTURING	5	0	0	0	0
OTHER/NOT CLASSIFIED	157	988	0	10773	0
TOTAL (INDUSTRIAL)	59277	92510	17103	69152	245995
SOLID WASTE DISPOSAL *********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	2380	29	71	6708	20121
OPEN BURNING	6739	251	1719	9080	28811
TOTAL (RESIDENTIAL)	9119	280	1790	15788	48932
COMMERCIAL-INSTITUTIONAL					

```
*** I03 ***                                                                                                         *** I03
        TOTAL (EXTERNAL COMB)
                AREA SOURCES               3503            15449            23451             6914             8286
                POINT SOURCES              8015           345530            68818             1526             4290

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    0                0              146               12               33
            TOTAL (ELEC GEN)                  0                0              146               12               33

        TOTAL (INTERNAL COMB)                 0                0              146               12               33

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               3503            15449            23451             6914             8286
                POINT SOURCES              8015           345530            68964             1538             4323

INDUSTRIAL PROCESS (POINT)
****************************

    CHEMICAL MANUFACTURING                  685                0             6108            13317             9640
    FOOD/AGRICULTURAL                      3330              495                0             1076                0
    PRIMARY METAL                          3111             1833                7              237            26454
    SECONDARY METALS                       1144                0               18                6                7
    MINERAL PRODUCTS                       1561                0                0              495              112
    PETROLEUM INDUSTRY                        1                1                5                0                1
    WOOD PRODUCTS                           186              526              198                0             4066
    PETROLEUM STORAGE/TRANSPORT               0                0                0                1                0
    METAL FABRICATION                        12                0                0                0                0
    TEXTILE MANUFACTURING                     5                0                0                0                0
    OTHER/NOT CLASSIFIED                      0                0                0               11                0
    TOTAL (INDUSTRIAL)                    10035             2855             6336            15143            40280

SOLID WASTE DISPOSAL
*********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                485                7               16             1368             4106
        OPEN BURNING                       1181               43              303             1594             5052
        TOTAL (RESIDENTIAL)                1666               50              319             2962             9156

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                20                4                5               20               32
        OPEN BURNING
                AREA SOURCES                 15                0                3               27               63
        TOTAL (COMM-INST)
                AREA SOURCES                 15                0                3               27               63
                POINT SOURCES                20                4                5               20               32

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES               283               69              101              266              452
        OPEN BURNING
                AREA SOURCES                 24                0                7               38              140
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 24                0                7               38              140
                POINT SOURCES               283               69              101              266              452

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               1705               50              329             3027             9359
                POINT SOURCES               303               73              106              286              484
```

```
*** I05 ***                                                                                                    *** I05 *
        TOTAL  (EXTERNAL COMB)
                  AREA SOURCES              215            775            696            104            78
                  POINT SOURCES             731           1850          14104            140           483

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                     6             15             82              7            18
           NATURAL GAS                        8              0            236             24            66
           TOTAL  (ELEC GEN)                 14             15            318             31            84

        TOTAL  (INTERNAL COMB)               14             15            318             31            84

     TOTAL  (FUEL COMBUSTION)

                  AREA SOURCES              215            775            696            104            78
                  POINT SOURCES             745           1865          14422            171           567

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                  12           3759            858             62           104
     FOOD/AGRICULTURAL                      181              0              0              0             0
     PRIMARY METAL                         1686         482914            860              0             0
     MINERAL PRODUCTS                      2326              0              0              0             0
     PETROLEUM STORAGE/TRANSPORT              0              0              0             62             0
     TOTAL  (INDUSTRIAL)                   4205         486673           1718            124           104

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION                106              1              3            301           903
        OPEN BURNING                         83              3             21            111           353
        TOTAL  (RESIDENTIAL)                189              4             24            412          1256

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES                4              1              2              2             8
        OPEN BURNING
                  AREA SOURCES                1              0              0              2             4
                  POINT SOURCES               2              1              1              4            11
        TOTAL  (COMM-INST)
                  AREA SOURCES                5              1              2              4            12
                  POINT SOURCES               2              1              1              4            11

     INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES               37              8              8             33            49
        OPEN BURNING
                  AREA SOURCES               19              1              7             34           120
                  POINT SOURCES               0              0              0              1             2
        TOTAL  (INDUSTRIAL)
                  AREA SOURCES               56              9             15             67           169
                  POINT SOURCES               0              0              0              1             2

     TOTAL  (SOLID WASTE DISP)
                  AREA SOURCES              250             14             41            483          1437
                  POINT SOURCES               2              1              1              5            13

TRANSPORTATION (AREA)
*********************
```

```
*** I07 ***                                                                                                   *** I07 ***
    STRUCTURAL FIRES                        14            0            2           10           56
    GASOLINE STA EVAP LOSS                   0            0            0          633            0
    SOLVENT EVAPORATION LOSS                 0            0            0         1089            0
    UNPAVED ROADS                        10339            0            0            0            0
    UNPAVED AIRSTRIPS                        2            0            0            0            0
    TOTAL (MISCELLANEOUS)                10362            0            4         1742          113

GRAND TOTAL
***********

    AREA SOURCES                         11765          626         3000         4452        17835

    POINT SOURCES                          638            0            1            0         1051

    TOTAL                                12403          626         3001         4452        18886
```

```
*** I08 ***                                                                                     *** I08 ***
                POINT SOURCES                 568          2198          13026           610          1327

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  326          1056           1966           626          1618
                POINT SOURCES                 568          2198          13026           610          1327

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                     33           663              0           812          2113
    FOOD/AGRICULTURAL                         280             0              0             0             0
    SECONDARY METALS                          157             0              2             0             0
    MINERAL PRODUCTS                          483           762            128             0             0
    PETROLEUM INDUSTRY                          0           389              0             0             0
    WOOD PRODUCTS                             391          1448            139            24          4293
    ORGANIC SOLVENT EVAPORATION                 0             0              0           459             0
    OTHER/NOT CLASSIFIED                       35             0              0             0             0
    TOTAL (INDUSTRIAL)                       1379          3262            269          1295          6406

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   39             0              0           108           323
        OPEN BURNING                          283            11             74           382          1209
        TOTAL (RESIDENTIAL)                   322            11             74           490          1532

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                    7             1              3             4            12
        TOTAL (COMM-INST)
                AREA SOURCES                    7             1              3             4            12

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                    6             0              0             6             8
                POINT SOURCES                   6             1              8            86          1014
        OPEN BURNING
                AREA SOURCES                    1             0              0             1             5
                POINT SOURCES                  28             0              7            39           228
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    7             0              0             7            13
                POINT SOURCES                  34             1             15           125          1242

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  336            12             77           501          1557
                POINT SOURCES                  34             1             15           125          1242

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              1619            80           1903          2449         20096
            LIGHT DUTY TRUCKS                 678            48           1067          1260          9091
            HEAVY DUTY VEHICLES               134            13            464           488          6695
            OFF HIGHWAY                        15             9            147           531          5688
            TOTAL (GASOLINE)                 2446           150           3581          4728         41570

        DIESEL
```

```
*** I10 ***                                                                                        *** I10 ***
    TOTAL (SOLID WASTE DISP)
              AREA SOURCES             1898           43          181         4545        13755
              POINT SOURCES             775           20          155         1237        13697

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       32151         1202        25934        44902       341739
            LIGHT DUTY TRUCKS          9523          534        10095        12155       100320
            HEAVY DUTY VEHICLES        1763          141         4273         4613        79386
            OFF HIGHWAY                 101           52         1011         3642        39054
            TOTAL (GASOLINE)          43538         1929        41313        65312       560499

        DIESEL

            HEAVY DUTY VEHICLES        3698         1640        14533         2067         6150
            OFF HIGHWAY                 301          252         3043          448          901
            RAIL                        222          509         3299          837         1160
            TOTAL (DIESEL)             4221         2401        20875         3352         8211

    AIRCRAFT

        MILITARY                       1593          149          958         2834         5105
        CIVIL                             5            1            8          128         5886
        COMMERCIAL                       21           49          450          503         1121
        TOTAL (AIRCRAFT)               1619          199         1416         3465        12112

    VESSELS

        DIESEL FUEL                      21           25          186           48           66
        RESIDUAL OIL                     32          418           69            5            2
        GASOLINE                          0           32          116         4749        14923
        TOTAL (VESSELS)                  53          475          371         4802        14991

    TOTAL (TRANSPORTATION)            49431         5004        63975        76931       595813

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   3261           29          767         4604        26850
    FOREST MANAGED BURNING             5520           41         1104         4968        30909
    AGRICULTURAL BURNING               9170            0         1283        10839        60285
    STRUCTURAL FIRES                    347            1           40          261         1411
    GASOLINE STA EVAP LOSS                0            0            0         7433            0
    SOLVENT EVAPORATION LOSS              0            0            0        27193            0
    UNPAVED ROADS                     22208            0            0            0            0
    UNPAVED AIRSTRIPS                   132            0            0            0            0
    TOTAL (MISCELLANEOUS)             40638           71         3194        55298       119455

GRAND TOTAL
***********

    AREA SOURCES                      93999         5646        73468       138521       741632

    POINT SOURCES                     13194         1431         7759        24230        20433

    TOTAL                            107193         7077        81227       162751       762065
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:06 COLORADO       AQCR:014 FOUR CORNERS                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 5              8              0              5             19
         DISTILLATE OIL                  0              5              1              0              0
         NATURAL GAS                     9              0             70              6             18
         WOOD                           58              1              3             12            414
         TOTAL (RESIDENTIAL)            72             14             74             23            451

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 2             27              7              0              0
         DISTILLATE OIL
            AREA SOURCES                 0              7              5              0              0
         NATURAL GAS
            AREA SOURCES                 3              0            312            113             41
            POINT SOURCES                4              0             63              1              6
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 5             34            324            113             41
            POINT SOURCES                4              0             63              1              6

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 6             68             20              0              1
         NATURAL GAS
            AREA SOURCES                 3              0             41              2              6
         TOTAL (COMM-INST)
            AREA SOURCES                 9             68             61              2              7

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                86            116            459            138            499
            POINT SOURCES                4              0             63              1              6

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         NATURAL GAS                     1              0            224             92             28
         TOTAL (ELEC GEN)                1              0            224             92             28

      INDUSTRIAL FUEL

         NATURAL GAS                     5              0            982            381            144
         TOTAL (INDUSTRIAL)              5              0            982            381            144
```

```
*** I13 ***                                                                                               *** I13 ***
    SOLVENT EVAPORATION LOSS                  0             0              0         48643           0
    UNPAVED ROADS                        140352             0              0             0           0
    UNPAVED AIRSTRIPS                       277             0              0             0           0
    TOTAL (MISCELLANEOUS)                142410            12            335         57469       10070

GRAND TOTAL
***********

    AREA SOURCES                         197241         11442          89874        171368     1097739

    POINT SOURCES                         10296         42476          58920         18127       63689

    TOTAL                                207537         53918         148794        189495     1161428
```

```
*** I14 ***                                                                                    *** I14 ***
        TOTAL  (EXTERNAL COMB)
                    AREA SOURCES              46           338          389          79          82
                    POINT SOURCES            545         12911        14160         237         776

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            NATURAL GAS                        0             0           14           6           2
            TOTAL  (ELEC GEN)                  0             0           14           6           2

        INDUSTRIAL FUEL

            NATURAL GAS                        5             0         1299         523         173
            TOTAL  (INDUSTRIAL)                5             0         1299         523         173

        TOTAL  (INTERNAL COMB)                 5             0         1313         529         175

    TOTAL  (FUEL COMBUSTION)

                    AREA SOURCES              46           338          389          79          82
                    POINT SOURCES            550         12911        15473         766         951

INDUSTRIAL PROCESS (POINT)
**************************

    PRIMARY METAL                              9             0            0          73           0
    MINERAL PRODUCTS                         221             0            0           0           0
    WOOD PRODUCTS                             29             0            0        1274         108
    PETROLEUM STORAGE/TRANSPORT                0             0            0         808           0
    TOTAL  (INDUSTRIAL)                      259             0            0        2155         108

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL  (AREA)

        ON SITE INCINERATION                  30             0            0          85         253
        OPEN BURNING                          36             0            9          48         153
        TOTAL  (RESIDENTIAL)                  66             0            9         133         406

    INDUSTRIAL

        ON SITE INCINERATION
                    POINT SOURCES             35             0            5          56         659
        TOTAL  (INDUSTRIAL)
                    POINT SOURCES             35             0            5          56         659

    TOTAL  (SOLID WASTE DISP)
                    AREA SOURCES              66             0            9         133         406
                    POINT SOURCES             35             0            5          56         659

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              371            27          523        1099       11052
            LIGHT DUTY TRUCKS                290            29          478         885        8114
            HEAVY DUTY VEHICLES               54             7          164         281        4761
            OFF HIGHWAY                        6             2           56         203        2185
            TOTAL  (GASOLINE)                721            65         1221        2468       26112

        DIESEL
```

```
*** I15 ***                                                                                  *** I15 ***
    AREA SOURCES              49968        12685        65201       153824       609202

    POINT SOURCES             16483        34691        26973        31162         9337

    TOTAL                     66451        47376        92174       184986       618539
```

```
*** I16 ***                                                                                              *** I16 ***
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          8766          258          6115         10507         99533
            LIGHT DUTY TRUCKS            1106           45           989          1602         13469
            HEAVY DUTY VEHICLES           294           20           627          1078         14606
            OFF HIGHWAY                    22           12           217           781          8374
            TOTAL (GASOLINE)            10188          335          7948         13968        135982

        DIESEL

            HEAVY DUTY VEHICLES           634          240          2318           366          1053
            OFF HIGHWAY                   206          172          2079           306           615
            RAIL                            7           17           109            28            38
            TOTAL (DIESEL)                847          429          4506           700          1706

    AIRCRAFT

        MILITARY                           61            6            37           108           195
        CIVIL                               1            0             1            16           732
        COMMERCIAL                          2            4            34            39            86
        TOTAL (AIRCRAFT)                   64           10            72           163          1013

    VESSELS

        DIESEL FUEL                        19           24           178            47            62
        RESIDUAL OIL                       52          691           113             8             4
        GASOLINE                            0            6            24           969          3045
        TOTAL (VESSELS)                    71          721           315          1024          3111

    TOTAL (TRANSPORTATION)              11170         1495         12841         15855        141812

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        1            0             0             2            11
    AGRICULTURAL BURNING                    1            0             0             1             4
    STRUCTURAL FIRES                      110            0            13            83           449
    GASOLINE STA EVAP LOSS                  0            0             0          2002             0
    SOLVENT EVAPORATION LOSS                0            0             0         12213             0
    UNPAVED ROADS                        1643            0             0             0             0
    TOTAL (MISCELLANEOUS)                1755            0            13         14301           464

GRAND TOTAL
***********

    AREA SOURCES                        13728         7556         15470         30411        143357

    POINT SOURCES                       11394        67248         26718         29061          1713

    TOTAL                               25122        74804         42188         59472        145070
```

```
*** I17 ***                                                                                              *** I17 ***
          DISTILLATE OIL
               AREA SOURCES             80          1185          902           38           204
               POINT SOURCES           116          1538          718           31           185
          NATURAL GAS
               AREA SOURCES              8             0          157            7            25
               POINT SOURCES           171             9         3320           61           299
          TOTAL (COMM-INST)
               AREA SOURCES            646          8417         3010           75           385
               POINT SOURCES           698          8389         5539          118           608

       TOTAL (EXTERNAL COMB)
               AREA SOURCES           4232         23216        21626         4866          9607
               POINT SOURCES         63576        793715       365860        10410         19856

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL              1451         30224         8269          675          2065
          NATURAL GAS                  102            22         8705         2854          1447
          TOTAL (ELEC GEN)            1553         30246        16974         3529          3512

       INDUSTRIAL FUEL

          DISTILLATE OIL               280          2557         4403          360          1937
          NATURAL GAS                   19             1          582           45           308
          TOTAL (INDUSTRIAL)           299          2558         4985          405          2245

       ENGINE-TESTING

          TOTAL (ENG TESTNG)            67            73           82          260           306

       TOTAL (INTERNAL COMB)          1919         32877        22041         4194          6063

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES           4232         23216        21626         4866          9607
               POINT SOURCES         65495        826592       387901        14604         25919

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING           14127        107413        12064         5563          8534
    FOOD/AGRICULTURAL                 1049          3047            0            0            59
    PRIMARY METAL                       75           859            0            0           953
    SECONDARY METALS                  2004           932           16            0          1022
    MINERAL PRODUCTS                 54002         45937         5145           84            63
    PETROLEUM INDUSTRY                 483         11600          492            6            43
    WOOD PRODUCTS                     5447         16677         3611            0        100355
    ORGANIC SOLVENT EVAPORATION          0             0            0        17048             0
    PETROLEUM STORAGE/TRANSPORT        125             0            0        13788             0
    METAL FABRICATION                   20             0            0           40             0
    OTHER/NOT CLASSIFIED                58         16501            0            0             4
    TOTAL (INDUSTRIAL)               77390        202966        21328        36529        111033

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION          968           129          154           77          1792
       OTHER INCINERATION              872          1122          226           44             0
       TOTAL (GOVERNMENT)             1840          1251          380          121          1792

    RESIDENTIAL (AREA)
```

```
*** J01 ***                                                                                          *** J01 **
        ON SITE INCINERATION
                POINT SOURCES          37            4             8            20            32
        OPEN BURNING
                AREA SOURCES           86            1            19           156           375
        TOTAL (COMM-INST)
                AREA SOURCES           86            1            19           156           375
                POINT SOURCES          37            4             8            20            32

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES         465           91           152           510          3304
        OPEN BURNING
                AREA SOURCES          128            3            40           208           764
                POINT SOURCES          33            1           379          2931         12010
        TOTAL (INDUSTRIAL)
                AREA SOURCES          128            3            40           208           764
                POINT SOURCES         498           92           531          3441         15314

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES         9333          284          1849         16152         50071
                POINT SOURCES         535           96           539          3461         15346

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES     68144         2979         70962        101691        851929
            LIGHT DUTY TRUCKS       15151          988         21930         27788        202495
            HEAVY DUTY VEHICLES      3861          359         11630         14176        193251
            OFF HIGHWAY               310          167          3082         11098        119033
            TOTAL (GASOLINE)        87466         4493        107604        154753       1366708

        DIESEL

            HEAVY DUTY VEHICLES     10328         4936         45424          5585         16540
            OFF HIGHWAY              2550         2138         25823          3796          7646
            RAIL                      169          366          2389           606           843
            TOTAL (DIESEL)          13047         7440         73636          9987         25029

    AIRCRAFT

        MILITARY                     3149          296          1893          5601         10087
        CIVIL                           1            0             3           127          5905
        COMMERCIAL                     28           61           571           639          1427
        TOTAL (AIRCRAFT)             3178          357          2467          6367         17419

    VESSELS

        DIESEL FUEL                   242          307          2274           593           795
        RESIDUAL OIL                  220         2894           475            33            16
        GASOLINE                        0           73           265         10878         34176
        TOTAL (VESSELS)               462         3274          3014         11504         34987

    TOTAL (TRANSPORTATION)         104153        15564        186721        182611       1444143

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                26537          233          6248         37460        218524
    FOREST MANAGED BURNING           9799           75          1961          8816         54877
    AGRICULTURAL BURNING             1091            0           153          1290          7185
    STRUCTURAL FIRES                  986            1           120           734          4006
```

```
*** J02 ***                                                                                                  *** J02

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:   TUESDAY    JANUARY 26, 19
***************************                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 19
STATE:01 ALABAMA        AQCR:004 METROPOLITAN BIRMINGHAM         POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 19

                                    PARTICULATES         SOX             NOX              HC              CO
                                    ************     ************    ************    ************    ************
                                     TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                   185              708              28             185             836
         DISTILLATE OIL                      0                9               5               0               1
         NATURAL GAS                       101                5             803              82             201
         WOOD                              996               19              42             200            7164
         TOTAL (RESIDENTIAL)              1282              741             878             467            8202

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 15622           386743           94653            1348            4495
         DISTILLATE OIL                      0                4               1               0               0
         NATURAL GAS                         2                0              35               0               3
         PROCESS GAS                         9                0             543               0               6
         OTHER                             122              191            1278             256             256
         TOTAL (ELEC GEN)                15755           386938           96510            1604            4760

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES                 1957            11565            3047              89             198
             POINT SOURCES                 104              204             352               0              12
         RESIDUAL OIL
             POINT SOURCES                   1                4              10               0               2
         DISTILLATE OIL
             AREA SOURCES                   71              675             820              48             117
             POINT SOURCES                  51              343              81               4              19
         NATURAL GAS
             AREA SOURCES                  102                5           10925            3947            1440
             POINT SOURCES                 189              399            2409               9             105
         PROCESS GAS
             AREA SOURCES                   14               56              63               1               2
             POINT SOURCES                 869            12552               0               2              50
         COKE
             POINT SOURCES                   1               38              86               0               4
         WOOD
             POINT SOURCES                 333              200            1315             263             263
         TOTAL (INDUSTRIAL)
             AREA SOURCES                 2144            12301           14855            4085            1757
             POINT SOURCES                1548            13740            4253             278             455

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
             AREA SOURCES                   16              234             179               7              38
```

```
*** J03 ***                                                                                                   *** J03 **
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          14226           692         16718         23107        187967
            LIGHT DUTY TRUCKS             3436           245          5454          6709         47753
            HEAVY DUTY VEHICLES            704            73          2416          2597         35646
            OFF HIGHWAY                     78            43           787          2833         30379
            TOTAL (GASOLINE)             18444          1053         25375         35246        301745

        DIESEL

            HEAVY DUTY VEHICLES           2042          1050          9722          1116          3294
            OFF HIGHWAY                    663           555          6697           984          1984
            RAIL                            33            78           501           126           179
            TOTAL (DIESEL)                2738          1683         16920          2226          5457

    AIRCRAFT

        MILITARY                            11             1             7            20            37
        CIVIL                                0             0             0            29          1355
        COMMERCIAL                           4             9            82            92           206
        TOTAL (AIRCRAFT)                    15            10            89           141          1598

    VESSELS

        DIESEL FUEL                         96           120           896           232           312
        GASOLINE                             0            27            97          3967         12467
        TOTAL (VESSELS)                     96           147           993          4199         12779

    TOTAL (TRANSPORTATION)               21293          2893         43377         41812        321579

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      3147            28           742          4441         25901
    AGRICULTURAL BURNING                   152             0            22           180          1003
    STRUCTURAL FIRES                       201             0            24           152           819
    GASOLINE STA EVAP LOSS                   0             0             0          4133             0
    SOLVENT EVAPORATION LOSS                 0             0             0         35943             0
    UNPAVED ROADS                        38982             0             0             0             0
    UNPAVED AIRSTRIPS                      111             0             0             0             0
    TOTAL (MISCELLANEOUS)                42593            28           788         44849         27723

GRAND TOTAL
***********

    AREA SOURCES                         69094         18420         67945         96602        366947

    POINT SOURCES                        18353        348458         75406         16967         45087

    TOTAL                                87447        366878        143351        113569        412034
```

```
*** J04 ***                                                                                          *** J04 **

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:  TUESDAY   JANUARY 26, 198
***************************                                      AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 198
STATE:02 ALASKA          AQCR:010 SOUTH CENTRAL ALASKA          POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 198

                                 PARTICULATES         SOX            NOX            HC             CO
                                 ************     ************   ************   ************   ************
                                  TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  9             159             66              2             19
         NATURAL GAS                     0               0              1              0              0
         WOOD                          366               6             15             74           2628
         TOTAL (RESIDENTIAL)           375             165             82             76           2647

      INDUSTRIAL FUEL

         DISTILLATE OIL
            AREA SOURCES                 7              87             71              4              9
            POINT SOURCES               16             117            164              7             37
         NATURAL GAS
            AREA SOURCES               213              12           3848             63            362
         TOTAL (INDUSTRIAL)
            AREA SOURCES               220              99           3919             67            371
            POINT SOURCES               16             117            164              7             37

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 3              63             17              0              1
         DISTILLATE OIL
            POINT SOURCES               17             197            184              8             42
         NATURAL GAS
            AREA SOURCES                 2               0             49              2              8
         TOTAL (COMM-INST)
            AREA SOURCES                 5              63             66              2              9
            POINT SOURCES               17             197            184              8             42

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               600             327           4067            145           3027
            POINT SOURCES               33             314            348             15             79

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                250             235           3489            280            759
         DIESEL                        205             191           2884            231            628
         OTHER                         372              69           5204            416           1132
         TOTAL (ELEC GEN)              827             495          11577            927           2519

      TOTAL (INTERNAL COMB)            827             495          11577            927           2519
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2214	94	1754	4139	41484
LIGHT DUTY TRUCKS	874	52	928	1836	16623
HEAVY DUTY VEHICLES	70	6	169	312	4936
OFF HIGHWAY	8	3	72	257	2746
TOTAL (GASOLINE)	3166	155	2923	6544	65789
DIESEL					
HEAVY DUTY VEHICLES	246	117	1104	233	591
OFF HIGHWAY	49	41	487	72	144
RAIL	30	66	429	109	151
TOTAL (DIESEL)	325	224	2020	414	886
AIRCRAFT					
MILITARY	97	9	58	172	310
CIVIL	0	0	0	5	242
TOTAL (AIRCRAFT)	97	9	58	177	552
VESSELS					
GASOLINE	0	2	8	331	1041
TOTAL (VESSELS)	0	2	8	331	1041
TOTAL (TRANSPORTATION)	3588	390	5009	7466	68268
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	50	0	12	71	414
STRUCTURAL FIRES	26	0	3	19	103
GASOLINE STA EVAP LOSS	0	0	0	593	0
SOLVENT EVAPORATION LOSS	0	0	0	1361	0
UNPAVED ROADS	33999	0	0	0	0
UNPAVED AIRSTRIPS	168	0	0	0	0
TOTAL (MISCELLANEOUS)	34243	0	15	2044	517
GRAND TOTAL ***********					
AREA SOURCES	38296	1179	5761	10097	70300
POINT SOURCES	4952	488539	16141	300	684
TOTAL	43248	489718	21902	10397	70984

```
*** J06 ***                                                                                          *** J06 **

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE EMISSIONS REPORT                                                   RUN DATE:   TUESDAY    JANUARY 26, 198
****************************                                  AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 198
STATE 04:ARKANSAS                                            POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 198

                              PARTICULATES           SOX                NOX                HC                 CO
                              ************       ************       ************       ************       ************
                               TONS / YR          TONS / YR          TONS / YR          TONS / YR          TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 9                179                114                  1                 24
         NATURAL GAS                  300                 10               2403                243                603
         WOOD                        5994                119                242               1209              43065
         TOTAL (RESIDENTIAL)         6303                308               2759               1453              43692

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              943               9375              21768                218                726
         RESIDUAL OIL                1843              22539              15048                144                718
         DISTILLATE OIL                37                 77                574                 20                 95
         NATURAL GAS                  152                  9              10542                 15                256
         TOTAL (ELEC GEN)            2975              32000              47932                397               1795

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES            1436              15166               2667                 76                172
             POINT SOURCES             90               1299                720                 12                 40
         RESIDUAL OIL
             AREA SOURCES             125               1712                432                  4                 30
             POINT SOURCES            402               4737               3215                 51                262
         DISTILLATE OIL
             POINT SOURCES             58               7643                641                 29                146
         NATURAL GAS
             AREA SOURCES             211                  7              27497              10240               3660
             POINT SOURCES             46                 61               9052                140                800
         WOOD
             POINT SOURCES           8248               1350               8991               1797               1797
         TOTAL (INDUSTRIAL)
             AREA SOURCES            1772              16885              30596              10320               3862
             POINT SOURCES           8844              15090              22619               2029               3045

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES               6                 20                  6                  0                  0
         RESIDUAL OIL
             AREA SOURCES             236               3294                832                  8                 65
             POINT SOURCES             20               1330                201                  3                 17
         DISTILLATE OIL
             AREA SOURCES               3                118                 84                  1                 12
         NATURAL GAS
```

```
*** JOB ***                                                                                                    *** JOB ***

              HEAVY DUTY VEHICLES              530          274          2561          288          846
              OFF HIGHWAY                       94           80           949          139          279
              RAIL                              36           79           515          130          181
              TOTAL (DIESEL)                   660          433          4025          557         1306

      AIRCRAFT

          MILITARY                               8            1             5           15           27
          CIVIL                                  0            0             1           12          525
          COMMERCIAL                             3            7            62           70          156
          TOTAL (AIRCRAFT)                      11            8            68           97          708

      VESSELS

          GASOLINE                               0            8            26         1050         3297
          TOTAL (VESSELS)                        0            8            26         1050         3297

      TOTAL (TRANSPORTATION)                  3117          599          7700         6432        46881

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                         301            2            70          424         2480
      FOREST MANAGED BURNING                   304            0            61          275         1703
      STRUCTURAL FIRES                          35            0             3           25          142
      GASOLINE STA EVAP LOSS                     0            0             0          795            0
      SOLVENT EVAPORATION LOSS                   0            0             0         6812            0
      UNPAVED ROADS                          46581            0             0            0            0
      TOTAL (MISCELLANEOUS)                  47221            2           134         8331         4325

GRAND TOTAL
***********

      AREA SOURCES                           51000         1669          9877        15890        54381

      POINT SOURCES                           1981         5461         13310         2030         8975

      TOTAL                                  52981         7130         23187        17920        63356
```

```
*** J09 ***                                                                                                  *** J09 ***

                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                    ******************************

                                                    ENVIRONMENTAL PROTECTION AGENCY
                                                    *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                             AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:05 CALIFORNIA     AQCR:025 NORTH CENTRAL COAST                    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                 PARTICULATES        SOX            NOX             HC              CO
                                 ************   ************   ************   ************   ************
                                  TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    2             26             10              0              3
         NATURAL GAS                      72              4            576             58            144
         WOOD                            118              2              5             24            846
         TOTAL (RESIDENTIAL)             192             32            591             82            993

      ELEC GENERATION (POINT)

         RESIDUAL OIL                    808           9884          11870            168            840
         DISTILLATE OIL                    1             22             11              0              2
         NATURAL GAS                     302             18          12993             30            514
         TOTAL (ELEC GEN)               1111           9924          24874            198           1356

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  12             32             22              0              2
         DISTILLATE OIL
            POINT SOURCES                  1             47             15              1              4
         NATURAL GAS
            AREA SOURCES                  12              0           2155            832            290
            POINT SOURCES                 17              1            289              4             27
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  24             32           2177            832            292
            POINT SOURCES                 18             48            304              5             31

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                  21             59             74              1              6
            POINT SOURCES                  0              5              4              0              0
         DISTILLATE OIL
            POINT SOURCES                  2             85             26              1              6
         NATURAL GAS
            AREA SOURCES                  14              1            171             11             29
            POINT SOURCES                 12              1            199              5             21
         LIQUID PETROL GAS
            POINT SOURCES                  1              0              4              0              1
         TOTAL (COMM-INST)
            AREA SOURCES                  35             60            245             12             35
            POINT SOURCES                 15             91            233              6             28

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 251            124           3013            926           1320
```

```
                                                     NATIONAL EMISSIONS DATA SYSTEM
                                                     ******************************

                                                     ENVIRONMENTAL PROTECTION AGENCY
                                                     *******************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:05 CALIFORNIA      AQCR:032 SOUTH CENTRAL COAST                            POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                      PARTICULATES        SOX               NOX                HC                 CO
                                      ************    ************      ************      ************      ************
                                       TONS / YR       TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                     0               2                 1                 0                 0
            NATURAL GAS                       22               1               176                18                44
            WOOD                              63               1                 3                13               450
            TOTAL (RESIDENTIAL)               85               4               180                31               494

        ELEC GENERATION (POINT)

            RESIDUAL OIL                     694            7905              8153                99               321
            DISTILLATE OIL                     1               9                 2                 0                 0
            NATURAL GAS                      220              11              9847                17               208
            TOTAL (ELEC GEN)                 915            7925             18002               116               529

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                   1               2                 2                 0                 0
            DISTILLATE OIL
                POINT SOURCES                  2              15                26                 0                 1
            NATURAL GAS
                AREA SOURCES                   1               0               119                46                16
                POINT SOURCES                  3               0                57                 1                 5
            PROCESS GAS
                POINT SOURCES                  0             132                 0                 3                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                   2               2               121                46                16
                POINT SOURCES                  5             147                83                 4                 6

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                   6              16                20                 0                 2
            DISTILLATE OIL
                POINT SOURCES                  0               2                 3                 0                 0
            NATURAL GAS
                AREA SOURCES                   4               0                50                 3                 8
                POINT SOURCES                  0               0                38                 1                 4
            TOTAL (COMM-INST)
                AREA SOURCES                  10              16                70                 3                10
                POINT SOURCES                  0               2                41                 1                 4

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                  97              22               371                80               520
                POINT SOURCES                920            8074             18126               121               539
        TOTAL (INTERNAL COMB)                  6             0          1206           473           172

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES                    86           116           459           138           499
              POINT SOURCES                   10             0          1269           474           178

INDUSTRIAL PROCESS (POINT)
**************************

     MINERAL PRODUCTS                         36             0             0             0             0
     PETROLEUM INDUSTRY                        0            15             0             0             0
     WOOD PRODUCTS                             1             0             0             0             0
     TOTAL (INDUSTRIAL)                       37            15             0             0             0

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION                  47             0             2           130           390
        OPEN BURNING                          37             1             9            49           157
        TOTAL (RESIDENTIAL)                   84             1            11           179           547

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                     0             0             0             0             1
              POINT SOURCES                  177             3            25           279          3293
        TOTAL (COMM-INST)
              AREA SOURCES                     0             0             0             0             1
              POINT SOURCES                  177             3            25           279          3293

     INDUSTRIAL

        ON SITE INCINERATION
              POINT SOURCES                   49             1             7            77           909
        TOTAL (INDUSTRIAL)
              POINT SOURCES                   49             1             7            77           909

     TOTAL (SOLID WASTE DISP)
              AREA SOURCES                    84             1            11           179           548
              POINT SOURCES                  226             4            32           356          4202

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES               601            30           559          1434         15077
           LIGHT DUTY TRUCKS                 408            28           476          1084         10621
           HEAVY DUTY VEHICLES                48             4           114           251          4150
           OFF HIGHWAY                         7             2            63           225          2426
           TOTAL (GASOLINE)                 1064            64          1212          2994         32274

        DIESEL

           HEAVY DUTY VEHICLES               146            72           727           177           397
           OFF HIGHWAY                        50            42           508            74           150
           RAIL                               18            42           270            69            94
           TOTAL (DIESEL)                    214           156          1505           320           641

     AIRCRAFT
```

HEAVY DUTY VEHICLES	146	83	809	169	383
OFF HIGHWAY	47	39	480	70	142
RAIL	16	34	227	56	79
TOTAL (DIESEL)	209	156	1516	295	604
AIRCRAFT					
CIVIL	0	0	0	7	339
TOTAL (AIRCRAFT)	0	0	0	7	339
VESSELS					
GASOLINE	0	0	3	148	467
TOTAL (VESSELS)	0	0	3	148	467
TOTAL (TRANSPORTATION)	930	221	2740	2918	27522
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1141	9	267	1610	9397
FOREST MANAGED BURNING	399	4	79	358	2235
STRUCTURAL FIRES	7	0	0	4	29
GASOLINE STA EVAP LOSS	0	0	0	335	0
SOLVENT EVAPORATION LOSS	0	0	0	473	0
UNPAVED ROADS	53162	0	0	0	0
UNPAVED AIRSTRIPS	4	0	0	0	0
TOTAL (MISCELLANEOUS)	54713	13	346	2780	11661
GRAND TOTAL ***********					
AREA SOURCES	55755	572	3484	5910	39671
POINT SOURCES	844	12911	15478	2977	1718
TOTAL	56599	13483	18962	8887	41389

ON SITE INCINERATION	353	4	7	1020	3066
OPEN BURNING	6140	228	1571	8282	26275
TOTAL (RESIDENTIAL)	6493	232	1578	9302	29341
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	40	12	19	23	61
POINT SOURCES	207	816	95	51	149
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	41	12	19	25	65
POINT SOURCES	207	816	95	51	149
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	94	15	15	84	125
POINT SOURCES	151	166	92	660	1341
OPEN BURNING					
AREA SOURCES	16	1	6	28	100
TOTAL (INDUSTRIAL)					
AREA SOURCES	110	16	21	112	225
POINT SOURCES	151	166	92	660	1341
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	6644	260	1618	9439	29631
POINT SOURCES	2198	2233	567	832	3282
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	219045	7495	169596	259977	2319589
LIGHT DUTY TRUCKS	33684	1715	36671	50336	388404
HEAVY DUTY VEHICLES	10324	785	24158	34591	480566
OFF HIGHWAY	472	250	4664	16797	180167
TOTAL (GASOLINE)	263525	10245	235089	361701	3368726
DIESEL					
HEAVY DUTY VEHICLES	18802	7750	70492	10315	31091
OFF HIGHWAY	1077	905	10938	1610	3236
RAIL	627	1420	9218	2342	3240
TOTAL (DIESEL)	20506	10075	90648	14267	37567
AIRCRAFT					
MILITARY	9245	867	5560	16448	29622
CIVIL	24	11	40	612	28050
COMMERCIAL	225	496	4626	5174	11538
TOTAL (AIRCRAFT)	9494	1374	10226	22234	69210
VESSELS					
DIESEL FUEL	1194	1495	11134	2926	3897
RESIDUAL OIL	1419	18711	3077	213	104
GASOLINE	0	258	969	39107	122873
TOTAL (VESSELS)	2613	20464	15180	42246	126874
TOTAL (TRANSPORTATION)	296138	42158	351143	440448	3602377

```
*** J18 ***                                                                                                   *** J18 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                            *********************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
*****************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:10 FLORIDA        AQCR:050 SOUTHEAST FLORIDA                    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES        SOX           NOX           HC            CO
                                   ************   ************  ************  ************  ************
                                    TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    8            108            68             3            18
         NATURAL GAS                      44              2           355            36            90
         WOOD                             21              0             1             5           144
         TOTAL (RESIDENTIAL)              73            110           424            44           252

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               12839          38266          9063           151           504
         RESIDUAL OIL                   5955          87815         33198           317          1600
         DISTILLATE OIL                   17            974           254             8            42
         NATURAL GAS                     367             22         25333            35           620
         OTHER                           548           2156             0             0             0
         TOTAL (ELEC GEN)              19726         129233         67848           511          2766

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 663           3824          1009            29            66
         RESIDUAL OIL
            POINT SOURCES                707           6434          1322            22            68
         DISTILLATE OIL
            AREA SOURCES                  47            453           551            29            80
            POINT SOURCES                  0            105             5             0             1
         NATURAL GAS
            AREA SOURCES                  32              2          3929          1450           520
            POINT SOURCES                  2              0            33             0             3
         BAGASSE
            POINT SOURCES               2351            221          1298          2070           612
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 742           4279          5489          1508           666
            POINT SOURCES               3060           6760          2658          2092           684

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 222           2890           780            13            64
            POINT SOURCES                 20            268            50             1             4
         DISTILLATE OIL
            AREA SOURCES                  32            480           367            16            83
            POINT SOURCES                  2            129            15             0             3
         NATURAL GAS
            AREA SOURCES                   7              0            87             6            15
         TOTAL (COMM-INST)
```

```
*** K01 ***                                                                                                    *** K01 *
    GASOLINE STA EVAP LOSS                 0              0              0          22470              0
    SOLVENT EVAPORATION LOSS               0              0              0         131713              0
    UNPAVED ROADS                     196765              0              0              0              0
    UNPAVED AIRSTRIPS                    111              0              0              0              0
    TOTAL (MISCELLANEOUS)             235289            309           8482         202483         284592

GRAND TOTAL
***********

    AREA SOURCES                      364451          69075         266628         421103        1831159

    POINT SOURCES                     102461         959327         269873          79133         276201

    TOTAL                             466912        1028402         536501         500236        2107360
```

```
*** K02 ***                                                                                                                   *** K02 ***
                    POINT SOURCES               1           71           14            1            3
               NATURAL GAS
                    AREA SOURCES               67            3          802           52          133
                    POINT SOURCES               3            0          196            0            5
               WOOD
                    POINT SOURCES              93           37          260           52           52
               TOTAL (COMM-INST)
                    AREA SOURCES               83          237          981           59          171
                    POINT SOURCES              97          108          470           53           60

          TOTAL (EXTERNAL COMB)
                    AREA SOURCES             3509        13279        16714         4611        10130
                    POINT SOURCES           17400       400786       101233         1935         5275

     INTERNAL COMBUSTION (POINT)

          INDUSTRIAL FUEL

               DISTILLATE OIL                   0            2            0            1            0
               NATURAL GAS                      0            0            8           41            3
               TOTAL (INDUSTRIAL)               0            2            8           42            3

          TOTAL (INTERNAL COMB)                 0            2            8           42            3

     TOTAL (FUEL COMBUSTION)

                    AREA SOURCES             3509        13279        16714         4611        10130
                    POINT SOURCES           17400       400788       101241         1977         5278

INDUSTRIAL PROCESS (POINT)
***************************

     CHEMICAL MANUFACTURING                   315         1120            9          145           48
     FOOD/AGRICULTURAL                        117            0            0            0            0
     PRIMARY METAL                          16870        22512          537         9208         5370
     SECONDARY METALS                        1286          662         1090           33        79947
     MINERAL PRODUCTS                        6312        11166         3381          235          264
     PETROLEUM INDUSTRY                       131           10          492        21575           29
     WOOD PRODUCTS                           5079          221          539            0        11049
     ORGANIC SOLVENT EVAPORATION               60            0            0         3432            0
     PETROLEUM STORAGE/TRANSPORT               80            0            0          181            0
     METAL FABRICATION                         11            0            0            0            0
     OTHER/NOT CLASSIFIED                       0          354            0            0            0
     TOTAL (INDUSTRIAL)                     30261        36045         6048        34809        96707

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

          ON SITE INCINERATION                721            9           22         2032         6095
          OPEN BURNING                       1790           68          458         2414         7659
          TOTAL (RESIDENTIAL)                2511           77          480         4446        13754

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    POINT SOURCES              17            0            0            0            0
          OPEN BURNING
                    AREA SOURCES               22            1            5           41          101
          TOTAL (COMM-INST)
                    AREA SOURCES               22            1            5           41          101
                    POINT SOURCES              17            0            0            0            0

     INDUSTRIAL
```

```
*** K04 ***                                                                                          *** K04 ***
    TOTAL  (FUEL COMBUSTION)

                  AREA SOURCES                   600         327        4067         145        3027
                  POINT SOURCES                  860         809       11925         942        2598

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                             101           0           0           0           0
    PETROLEUM STORAGE/TRANSPORT                    0           0           0        4409           0
    TOTAL  (INDUSTRIAL)                          101           0           0        4409           0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                     5           1           0           5           8
        TOTAL  (GOVERNMENT)                        5           1           0           5           8

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                      10           0           0          28          84
        OPEN BURNING                             131           3          35         179         566
        TOTAL  (RESIDENTIAL)                     141           3          35         207         650

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                      1           0           0           1           1
        TOTAL  (COMM-INST)
                POINT SOURCES                      1           0           0           1           1

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                      1           6          21           4          12
        OPEN BURNING
                AREA SOURCES                       1           0           0           1           5
        TOTAL  (INDUSTRIAL)
                AREA SOURCES                       1           0           0           1           5
                POINT SOURCES                      1           6          21           4          12

    TOTAL  (SOLID WASTE DISP)
                AREA SOURCES                     142           3          35         208         655
                POINT SOURCES                      7           7          21          10          21

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                  119           6         185         209        1710
            LIGHT DUTY TRUCKS                    139          12         289         309        2240
            HEAVY DUTY VEHICLES                   17           2          85          74        1007
            OFF HIGHWAY                            0           0          18          72         761
            TOTAL  (GASOLINE)                    275          20         577         664        5718

        DIESEL

            HEAVY DUTY VEHICLES                   18           9         111          11          29
            OFF HIGHWAY                           42          36         414          61         124
            RAIL                                   4           8          54          12          19
            TOTAL  (DIESEL)                       64          53         579          84         172
```

```
*** K06 ***                                                                                         *** K06 ***
                  AREA SOURCES          167          5         2006          135          337
             TOTAL (COMM-INST)
                  AREA SOURCES          412       3437         2928          144          414
                  POINT SOURCES          20       1330          201            3           17

          TOTAL (EXTERNAL COMB)
                  AREA SOURCES         8487      20630        36283        11917        47968
                  POINT SOURCES       11839      48420        70752         2429         4857

       INTERNAL COMBUSTION (POINT)

          INDUSTRIAL FUEL

              DIESEL FUEL                 0          0            1            0           51
             TOTAL (INDUSTRIAL)           0          0            1            0           51

          TOTAL (INTERNAL COMB)           0          0            1            0           51

       TOTAL (FUEL COMBUSTION)

                  AREA SOURCES         8487      20630        36283        11917        47968
                  POINT SOURCES       11839      48420        70753         2429         4908

INDUSTRIAL PROCESS (POINT)
**************************

       CHEMICAL MANUFACTURING          7209       4454            0         2721        25659
       FOOD/AGRICULTURAL              10573          0            0            0            0
       PRIMARY METAL                   1365       7780            0            8        89539
       SECONDARY METALS                 519          0            3          589         1051
       MINERAL PRODUCTS                8216        763          138            1            3
       PETROLEUM INDUSTRY                17       1662          193          550        34251
       WOOD PRODUCTS                   1966       3023         1342           24        35874
       ORGANIC SOLVENT EVAPORATION        0          0            0         1470            0
       PETROLEUM STORAGE/TRANSPORT        0          0            0           37            0
       METAL FABRICATION                  3          0            0            0            0
       OTHER/NOT CLASSIFIED              48          0            0            0            0
       TOTAL (INDUSTRIAL)             29916      17682         1676         5400       186377

SOLID WASTE DISPOSAL
********************

       RESIDENTIAL (AREA)

          ON SITE INCINERATION          590          1           10         1657         4973
          OPEN BURNING                 4488        171         1150         6054        19184
          TOTAL (RESIDENTIAL)          5078        172         1160         7711        24157

       COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  AREA SOURCES          122         26           61           72          181
          OPEN BURNING
                  AREA SOURCES            1          0            0            2            4
          TOTAL (COMM-INST)
                  AREA SOURCES          123         26           61           74          185

       INDUSTRIAL

          ON SITE INCINERATION
                  AREA SOURCES           89         11           11           82          118
                  POINT SOURCES          99          3           22          228         2661
          OPEN BURNING
                  AREA SOURCES           20          0            4           26          105
                  POINT SOURCES          28          0            7           39          228
          TOTAL (INDUSTRIAL)
```

```
*** K07 ***                                                                                              *** K07 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                           AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:04 ARKANSAS       AQCR:019 MONROE-EL DORADO                    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                  PARTICULATES           SOX            NOX             HC              CO
                                  ************     ************    ************    ************    ************
                                   TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    0                7               4               0               0
         NATURAL GAS                      19                0             154              16              38
         WOOD                            192                4               8              39            1377
         TOTAL (RESIDENTIAL)             211               11             166              55            1415

      ELEC GENERATION (POINT)

         DISTILLATE OIL                   30                0             445              15              74
         TOTAL (ELEC GEN)                 30                0             445              15              74

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 122             1279             225               6              14
         RESIDUAL OIL
            AREA SOURCES                  14              190              48               0               4
            POINT SOURCES                304             1839            1541              25             128
         DISTILLATE OIL
            POINT SOURCES                 46             7535             513              23             117
         NATURAL GAS
            AREA SOURCES                  20                1            2736            1017             363
            POINT SOURCES                 11               34             756               1              18
         WOOD
            POINT SOURCES                760              511            3409             682             682
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 156             1470            3009            1023             381
            POINT SOURCES               1121             9919            6219             731             945

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                   0                1               0               0               0
         RESIDUAL OIL
            AREA SOURCES                  12              161              40               0               3
         DISTILLATE OIL
            AREA SOURCES                   0                5               4               0               0
         NATURAL GAS
            AREA SOURCES                   8                0              95               6              15
         TOTAL (COMM-INST)
            AREA SOURCES                  20              167             139               6              18

      TOTAL (EXTERNAL COMB)
```

```
*** K09 ***                                                                              *** K09 ***
              POINT SOURCES            1144        10063        25411          209         1415

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES              251          124         3013          926         1320
              POINT SOURCES            1144        10063        25411          209         1415

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                      3            0            0            0            0
   SECONDARY METALS                       0            0            9            0            0
   MINERAL PRODUCTS                     875          240          510            3           36
   PETROLEUM INDUSTRY                   120          817         1038           40           26
   WOOD PRODUCTS                          2            0            0            0            0
   ORGANIC SOLVENT EVAPORATION            0            0            0         1259            0
   PETROLEUM STORAGE/TRANSPORT            0            0            0          479            0
   TOTAL (INDUSTRIAL)                  1000         1057         1557         1781           62

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION              1            0            0            1            1
      OPEN BURNING                        1            0            1            4            8
      TOTAL (GOVERNMENT)                  2            0            1            5            9

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              472            7           15         1326         3977
      OPEN BURNING                      167            6           42          225          712
      TOTAL (RESIDENTIAL)               639           13           57         1551         4689

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                4            1            2            3            6
      OPEN BURNING
              AREA SOURCES                1            0            0            2            4
      TOTAL (COMM-INST)
              AREA SOURCES                5            1            2            5           10

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                4            1            1            3            5
      OPEN BURNING
              AREA SOURCES                7            0            3           13           45
      TOTAL (INDUSTRIAL)
              AREA SOURCES               11            1            4           16           50

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES              655           15           63         1572         4749
              POINT SOURCES               2            0            1            5            9

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           9524          341         7388        13049       100657
         LIGHT DUTY TRUCKS             2135          107         1993         2490        21488
         HEAVY DUTY VEHICLES            418           33         1006         1116        18955
```

```
*** K10 ***                                                                                                   *** K10 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                               AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                              POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:05 CALIFORNIA      AQCR:029 SAN DIEGO

                                 PARTICULATES          SOX             NOX              HC              CO
                                 ************      ************    ************    ************    ************
                                  TONS / YR         TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                   2                43              18               1               5
         NATURAL GAS                    185                11            1482             148             371
         WOOD                           191                 4               8              38            1377
         TOTAL (RESIDENTIAL)            378                58            1508             187            1753

      ELEC GENERATION (POINT)

         RESIDUAL OIL                  1494             11344            6568             209             985
         DISTILLATE OIL                  40               323              69               6              28
         NATURAL GAS                    265                 9            2612              14             205
         TOTAL (ELEC GEN)              1799             11676            9249             229            1218

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 34                87              57               2               4
         RESIDUAL OIL
            POINT SOURCES                 0                24               6               0               1
         DISTILLATE OIL
            POINT SOURCES                23               268             137               6              29
         NATURAL GAS
            AREA SOURCES                 20                 1            3466            1337             466
            POINT SOURCES                79                 6             447               9              36
         LIQUID PETROL GAS
            POINT SOURCES                 1                 0               6               0               1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 54                88            3523            1339             470
            POINT SOURCES               103               298             596              15              67

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 86               240             302               5              25
            POINT SOURCES               663              8780            6316             105             527
         DISTILLATE OIL
            POINT SOURCES                20               443             216              10              49
         NATURAL GAS
            AREA SOURCES                 59                 4             712              47             119
            POINT SOURCES                12                 1             243               4              23
         TOTAL (COMM-INST)
            AREA SOURCES                145               244            1014              52             144
            POINT SOURCES               695              9224            6775             119             599
```

```
*** K11 ***                                                                                  *** K11 ***
    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            DISTILLATE OIL                         2           2         502         659           8
            NATURAL GAS                           17           1        3493        2189         729
            TOTAL (INDUSTRIAL)                    19           3        3995        2848         737

        TOTAL (INTERNAL COMB)                     19           3        3995        2848         737

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                      97          22         371          80         520
                POINT SOURCES                    939        8077       22121        2969        1276

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                         0        1948           0           0           0
    FOOD/AGRICULTURAL                            251           0           0           0           0
    MINERAL PRODUCTS                            3076          17          33         191         533
    PETROLEUM INDUSTRY                           212        4622        1126        1344          46
    ORGANIC SOLVENT EVAPORATION                    1          12          13         316           3
    PETROLEUM STORAGE/TRANSPORT                    0           0           0        5181           0
    TOTAL (INDUSTRIAL)                          3540        6599        1172        7032         582

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                     127           2           4         357        1071
        OPEN BURNING                              45           2          12          61         193
        TOTAL (RESIDENTIAL)                      172           4          16         418        1264

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                       0           0           0           0           1
        TOTAL (COMM-INST)
                AREA SOURCES                       0           0           0           0           1

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                       1           0           0           1           2
        OPEN BURNING
                AREA SOURCES                       2           0           1           3          10
                POINT SOURCES                      8           0           3          15          42
        TOTAL (INDUSTRIAL)
                AREA SOURCES                       3           0           1           4          12
                POINT SOURCES                      8           0           3          15          42

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                     175           4          17         422        1277
                POINT SOURCES                      8           0           3          15          42

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                 2650          93        2039        3653       28350
            LIGHT DUTY TRUCKS                    820          40         759         982        8471
```

CIVIL	0	0	0	5	202
TOTAL (AIRCRAFT)	0	0	0	5	202
VESSELS					
GASOLINE	0	0	1	65	206
TOTAL (VESSELS)	0	0	1	65	206
TOTAL (TRANSPORTATION)	1278	220	2718	3384	33323
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	540	5	129	763	4450
FOREST MANAGED BURNING	386	4	77	347	2162
STRUCTURAL FIRES	9	0	1	6	36
GASOLINE STA EVAP LOSS	0	0	0	313	0
SOLVENT EVAPORATION LOSS	0	0	0	636	0
UNPAVED ROADS	34509	0	0	0	0
UNPAVED AIRSTRIPS	24	0	0	0	0
TOTAL (MISCELLANEOUS)	35468	9	207	2065	6648
GRAND TOTAL ***********					
AREA SOURCES	36916	346	3395	5766	41018
POINT SOURCES	273	19	1301	830	4380
TOTAL	37189	365	4696	6596	45398

```
*** K13 ***                                                                                               *** K13 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                            ********************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                            *********************************

STATE/AQCR EMISSIONS REPORT                                           RUN DATE:  TUESDAY     JANUARY 26, 1982
****************************                               AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:06 COLORADO       AQCR:037 PAWNEE                   POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                            PARTICULATES             SOX             NOX              HC              CO
                                            ************    ************    ************    ************    ************
                                             TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                            2               3               0               2               9
            DISTILLATE OIL                             5              86              37               1              11
            NATURAL GAS                               59               3             465              48             116
            TOTAL (RESIDENTIAL)                       66              92             502              51             136

        ELEC GENERATION (POINT)

            DISTILLATE OIL                             2              37              32               1               5
            TOTAL (ELEC GEN)                           2              37              32               1               5

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                       3077            6064            8847              84             230
            RESIDUAL OIL
                AREA SOURCES                          31             367             107               2               8
                POINT SOURCES                        207             146              72               1               6
            DISTILLATE OIL
                AREA SOURCES                           5              71              56               3               7
                POINT SOURCES                          0               9               5               0               1
            NATURAL GAS
                AREA SOURCES                          40               2            4188            1500             547
                POINT SOURCES                        174               0             102               1              10
            COKE
                POINT SOURCES                         21              19               7               0               0
            LIQUID PETROL GAS
                POINT SOURCES                          0               0               1               0               0
            OTHER
                POINT SOURCES                          0               0               1               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                          76             440            4351            1505             562
                POINT SOURCES                       3479            6238            9035              86             247

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                          3             237              74              37             123
            RESIDUAL OIL
                AREA SOURCES                          26             331              96               2               9
                POINT SOURCES                        130            1726             727              13              61
            DISTILLATE OIL
                AREA SOURCES                           0               4               2               0               0
                POINT SOURCES                          1              46              13               0               3
```

```
*** K15 ***                                                                                        *** K15 ***
                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:07 CONNECTICUT    AQCR:043 NEW JERSEY-NEW YORK-CONNECTICU   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX           NOX            HC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                  5            13             1             1            42
         DISTILLATE OIL                 265          3047          1904           106           529
         NATURAL GAS                     42             2           332            33            83
         TOTAL (RESIDENTIAL)            312          3062          2237           140           654

      ELEC GENERATION (POINT)

         RESIDUAL OIL                   490         13395         18751           179           893
         DISTILLATE OIL                   0             2             5             0             0
         NATURAL GAS                      0             0            13             0             0
         TOTAL (ELEC GEN)               490         13397         18769           179           893

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES                 0             0             2             0             0
         BITUMINOUS COAL
            AREA SOURCES                 45           286            75             2             5
         RESIDUAL OIL
            AREA SOURCES                266           487           919            15            77
            POINT SOURCES                44           579           453             8            38
         DISTILLATE OIL
            AREA SOURCES                 24           233           283            15            40
            POINT SOURCES                 5           157            52             2            12
         NATURAL GAS
            AREA SOURCES                 25             1           468            15            45
            POINT SOURCES                 3             0            34             2            39
         TOTAL (INDUSTRIAL)
            AREA SOURCES                360          1007          1745            47           167
            POINT SOURCES                52           736           541            12            89

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            POINT SOURCES                10             2            10             0             1
         RESIDUAL OIL
            POINT SOURCES                15           199           150             2            13
         DISTILLATE OIL
            AREA SOURCES                 42           608           465            21           106
            POINT SOURCES                 3            82            30             1             7
         NATURAL GAS
```

```
*** K16 ***                                                                                                   *** K16 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:  TUESDAY   JANUARY 26, 1982
***************************                                           AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:08 DELAWARE       AQCR:046 SOUTHERN DELAWARE                   POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                               PARTICULATES          SOX            NOX            HC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL               4              11              1              1             38
            DISTILLATE OIL               33             376            235             13             65
            NATURAL GAS                   7               0             54              6             13
            WOOD                         99               2              4             20            711
            TOTAL (RESIDENTIAL)         143             389            294             40            827

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           23681           32585          13980            144            481
            RESIDUAL OIL                307            5590           1855             18             88
            DISTILLATE OIL                0              47             30              1              5
            NATURAL GAS                   6               0            104              1             10
            TOTAL (ELEC GEN)          23994           38222          15969            164            584

        INDUSTRIAL FUEL

            ANTHRACITE COAL
                AREA SOURCES              5              12              5              0              0
            BITUMINOUS COAL
                AREA SOURCES            360            2285            601             18             39
            RESIDUAL OIL
                POINT SOURCES           509            6747           1140             19             95
            DISTILLATE OIL
                POINT SOURCES             3              85             45              2             10
            NATURAL GAS
                AREA SOURCES             19               1            327              5             31
                POINT SOURCES             2               0             30              2              5
            TOTAL (INDUSTRIAL)
                AREA SOURCES            384            2298            933             23             70
                POINT SOURCES           514            6832           1215             23            110

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES             11              27             11              0              1
            RESIDUAL OIL
                AREA SOURCES            106            1357            366              6             30
                POINT SOURCES            62             814            160              2             13
            DISTILLATE OIL
                AREA SOURCES              5              68             52              2             11
                POINT SOURCES             3              80             42              2             10
```

*** K17 *** *** K17 ***

MISCELLANEOUS (AREA)
****

FOREST WILDFIRES	6871	54	1617	9699	56583
FOREST MANAGED BURNING	40546	305	8111	36491	227056
AGRICULTURAL BURNING	11394	0	1594	13464	74892
STRUCTURAL FIRES	1941	1	229	1452	7899
GASOLINE STA EVAP LOSS	0	0	0	43586	0
SOLVENT EVAPORATION LOSS	0	0	0	229790	0
UNPAVED ROADS	423126	0	0	0	0
UNPAVED AIRSTRIPS	25	0	0	0	0
TOTAL (MISCELLANEOUS)	483903	360	11551	334482	366430

GRAND TOTAL
****

AREA SOURCES	790917	65994	385938	789235	4008045
POINT SOURCES	145083	1031791	409796	51965	140234
TOTAL	936000	1097785	795734	841200	4148279

```
*** K18 ***                                                                                   *** K18 ***
                AREA SOURCES                 261          3370          1234            35           162
                POINT SOURCES                 22           397            65             1             7

          TOTAL (EXTERNAL COMB)
                AREA SOURCES                1076          7759          7147          1587          1080
                POINT SOURCES              22808        136390         70571          2604          3457

      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

             DISTILLATE OIL                  124           795          3131           255           701
             NATURAL GAS                      45             2          5178          1452           989
             TOTAL (ELEC GEN)                169           797          8309          1707          1690

          INDUSTRIAL FUEL

             DISTILLATE OIL                  261          2188          3532           290          1746
             NATURAL GAS                      19             1           582            45           308
             TOTAL (INDUSTRIAL)              280          2189          4114           335          2054

          ENGINE-TESTING

             TOTAL (ENG TESTNG)               67            73            82           260           306

          TOTAL (INTERNAL COMB)              516          3059         12505          2302          4050

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES                1076          7759          7147          1587          1080
                POINT SOURCES              23324        139449         83076          4906          7507

INDUSTRIAL PROCESS (POINT)
**************************

      PRIMARY METAL                           54             0             0             0           945
      SECONDARY METALS                         5            19             1             0          1015
      MINERAL PRODUCTS                     26926         14872          3791             0             0
      ORGANIC SOLVENT EVAPORATION              0             0             0          1574             0
      PETROLEUM STORAGE/TRANSPORT            125             0             0          2213             0
      OTHER/NOT CLASSIFIED                     0          2532             0             0             0
      TOTAL (INDUSTRIAL)                   27110         17423          3792          3787          1960

SOLID WASTE DISPOSAL
********************

      GOVERNMENT (POINT)

          MUNICIPAL INCINERATION             624           100           120            60          1390
          OTHER INCINERATION                 274          1078             0             0             0
          TOTAL (GOVERNMENT)                 898          1178           120            60          1390

      RESIDENTIAL (AREA)

          ON SITE INCINERATION                53             1             1           157           470
          TOTAL (RESIDENTIAL)                 53             1             1           157           470

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                AREA SOURCES                   8             2             4             4            10
                POINT SOURCES                131             0            49             0             0
          TOTAL (COMM-INST)
                AREA SOURCES                   8             2             4             4            10
                POINT SOURCES                131             0            49             0             0
```

```
*** L02 ***                                                                                         *** L02 ***
        ON SITE INCINERATION
                POINT SOURCES              171          10          32         244        2806
        OPEN BURNING
                AREA SOURCES                43           2          14          73         259
                POINT SOURCES               21           0         370        2778       11576
        TOTAL (INDUSTRIAL)
                AREA SOURCES                43           2          14          73         259
                POINT SOURCES              192          10         402        3022       14382

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              2576          80         499        4560       14114
                POINT SOURCES              209          10         402        3022       14382

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          20987         861       20070       29031      248077
            LIGHT DUTY TRUCKS             4261         271        6014        7559       55353
            HEAVY DUTY VEHICLES           1170         104        3270        4183       57298
            OFF HIGHWAY                     79          42         775        2794       29966
            TOTAL (GASOLINE)             26497        1278       30129       43567      390694

        DIESEL

            HEAVY DUTY VEHICLES           3645        1687       15460        1958        5809
            OFF HIGHWAY                    644         539        6517         958        1930
            RAIL                            51         108         706         180         249
            TOTAL (DIESEL)                4340        2334       22683        3096        7988

    AIRCRAFT

        MILITARY                            76           7          45         134         241
        CIVIL                                1           0           1          30        1410
        COMMERCIAL                          13          29         268         300         669
        TOTAL (AIRCRAFT)                    90          36         314         464        2320

    VESSELS

        DIESEL FUEL                         36          48         352          92         124
        GASOLINE                             0           8          23         980        3079
        TOTAL (VESSELS)                     36          56         375        1072        3203

    TOTAL (TRANSPORTATION)               30963        3704       53501       48199      404205

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      6796          60        1600        9595       55975
    FOREST MANAGED BURNING                1010           9         202         909        5657
    AGRICULTURAL BURNING                    97           0          14         113         633
    STRUCTURAL FIRES                       298           1          36         221        1211
    GASOLINE STA EVAP LOSS                   0           0           0        6933           0
    SOLVENT EVAPORATION LOSS                 0           0           0       35749           0
    UNPAVED ROADS                        51978           0           0           0           0
    TOTAL (MISCELLANEOUS)                60179          70        1852       53520       63476

GRAND TOTAL
***********

    AREA SOURCES                         97227       17133       72566      110890      491925

    POINT SOURCES                        47870      436843      107691       39808      116367
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE EMISSIONS REPORT                                                        RUN DATE:   TUESDAY     JANUARY 26, 1982
****************************                                   AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE 02:ALASKA                                               POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981

                                PARTICULATES          SOX            NOX             HC              CO
                                ************     ************    ************    ************    ************
                                 TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  63            1074             447              22             124
         NATURAL GAS                     36               2             292              30              74
         WOOD                          1225              23              48             247            8802
         TOTAL (RESIDENTIAL)           1324            1099             787             299            9000

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               4653            2258            4163             214             456
         DISTILLATE OIL                   0               8               3               0               0
         NATURAL GAS                     21               1            1476               2              36
         OTHER                          152              97             647             129             129
         TOTAL (ELEC GEN)              4826            2364            6289             345             621

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               648             454             779              52             104
         RESIDUAL OIL
            POINT SOURCES                 2              21               8               0               1
         DISTILLATE OIL
            AREA SOURCES                 14             209             171               8              22
            POINT SOURCES                32            2121             571              25             129
         NATURAL GAS
            AREA SOURCES                373              19            6742             109             636
            POINT SOURCES                14               1             805               2              24
         WOOD
            POINT SOURCES               353             111             737             147             147
         TOTAL (INDUSTRIAL)
            AREA SOURCES                387             228            6913             117             658
            POINT SOURCES              1049            2708            2900             226             405

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               827            1268            2355             159             322
         RESIDUAL OIL
            AREA SOURCES                  7             142              36               0               1
         DISTILLATE OIL
            POINT SOURCES                23             241             258              11              59
         NATURAL GAS
            AREA SOURCES                 55               2             693              43             115
            POINT SOURCES                22               2            1028               5              38
         OTHER
```

AIRCRAFT					
MILITARY	98	9	58	174	312
CIVIL	0	0	0	27	1178
COMMERCIAL	9	20	188	210	468
TOTAL (AIRCRAFT)	107	29	246	411	1958
VESSELS					
DIESEL FUEL	195	244	1812	474	635
RESIDUAL OIL	2	20	3	0	0
GASOLINE	0	4	22	861	2705
TOTAL (VESSELS)	197	268	1837	1335	3340
TOTAL (TRANSPORTATION)	643	370	3239	2494	11188
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	94	0	22	131	774
FOREST MANAGED BURNING	15	0	3	14	84
STRUCTURAL FIRES	13	0	0	9	50
GASOLINE STA EVAP LOSS	0	0	0	99	0
SOLVENT EVAPORATION LOSS	0	0	0	1075	0
UNPAVED ROADS	62257	0	0	0	0
UNPAVED AIRSTRIPS	808	0	0	0	0
TOTAL (MISCELLANEOUS)	63187	0	25	1328	908
GRAND TOTAL ***********					
AREA SOURCES	64572	700	7366	4175	15778
POINT SOURCES	968	816	11946	5361	2619
TOTAL	65540	1516	19312	9536	18397

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT                                                         RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:03 ARIZONA        AQCR:013 CLARK-MOHAVE                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES        SOX           NOX            HC            CO
                                ************    ************  ************  ************  ************
                                 TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    0             9             4             0             1
         NATURAL GAS                       8             0            63             6            16
         WOOD                             39             1             2             8           279
         TOTAL (RESIDENTIAL)              47            10            69            14           296

      ELEC GENERATION (POINT)

         RESIDUAL OIL                     12           249           126             2            10
         NATURAL GAS                      13             1           567             1            23
         TOTAL (ELEC GEN)                 25           250           693             3            33

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 271           953           502            15            33
         DISTILLATE OIL
            AREA SOURCES                   3            43            35             2             5
         NATURAL GAS
            AREA SOURCES                   2             0           457           182            62
            POINT SOURCES                  1             0            13             1             2
         OTHER
            POINT SOURCES                  0             0             4             0             1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 276           996           994           199           100
            POINT SOURCES                  1             0            17             1             3

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                   2            32             7             0             0
         DISTILLATE OIL
            AREA SOURCES                   1            18             9             0             2
            POINT SOURCES                  0             3             1             0             0
         NATURAL GAS
            AREA SOURCES                   0             0             6             0             1
            POINT SOURCES                112             7          1343            90           224
         OTHER
            POINT SOURCES                  0             1             2             0             0
         TOTAL (COMM-INST)
            AREA SOURCES                   3            50            22             0             3
            POINT SOURCES                112            11          1346            90           224

      TOTAL (EXTERNAL COMB)
```

```
                AREA SOURCES          109          11          15         108         223
                POINT SOURCES         127           3          29         267        2889

      TOTAL (SOLID WASTE DISP)
                AREA SOURCES         5310         209        1236        7893       24565
                POINT SOURCES         127           3          29         267        2889

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES     27926        1292       30094       39798      333800
            LIGHT DUTY TRUCKS       10647         730       16145       19167      139244
            HEAVY DUTY VEHICLES      2511         242        7894        8880      122688
            OFF HIGHWAY               234         129        2322        8366       89713
            TOTAL (GASOLINE)        41318        2393       56455       76211      685445

        DIESEL

            HEAVY DUTY VEHICLES      7621        3555       32753        4069       11971
            OFF HIGHWAY              1548        1301       15668        2301        4637
            RAIL                      576        1291        8388        2130        2945
            TOTAL (DIESEL)           9745        6147       56809        8500       19553

    AIRCRAFT

        MILITARY                      669          64         401        1189        2144
        CIVIL                           1           0           2         144        6503
        COMMERCIAL                     26          57         530         594        1324
        TOTAL (AIRCRAFT)              696         121         933        1927        9971

    VESSELS

        DIESEL FUEL                   152         189        1399         370         485
        GASOLINE                        0          79         304       12229       38421
        TOTAL (VESSELS)               152         268        1703       12599       38906

    TOTAL (TRANSPORTATION)          51911        8929      115900       99237      753875

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                 5211          44        1227        7357       42931
    FOREST MANAGED BURNING           2573           4         515        2318       14409
    STRUCTURAL FIRES                  552           0          63         411        2241
    GASOLINE STA EVAP LOSS              0           0           0       12068           0
    SOLVENT EVAPORATION LOSS            0           0           0       95383           0
    UNPAVED ROADS                  746388           0           0           0           0
    UNPAVED AIRSTRIPS                   4           0           0           0           0
    TOTAL (MISCELLANEOUS)          754728          48        1805      117537       59581

GRAND TOTAL
***********

    AREA SOURCES                   820436       29816      155224      236584      885989

    POINT SOURCES                   41882       66105       72458        8096      194174

    TOTAL                          862318       95921      227682      244680     1080163
```

```
*** L07 ***                                                                                  *** L07 ***
                AREA SOURCES          387          1648           3314           1084           1814
                POINT SOURCES        1151          9919           6664            746           1019

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES          387          1648           3314           1084           1814
                POINT SOURCES        1151          9919           6664            746           1019

INDUSTRIAL PROCESS (POINT)
***************************

   CHEMICAL MANUFACTURING             195          1534              0            148            106
   PETROLEUM INDUSTRY                  17          1273            193            550          34251
   WOOD PRODUCTS                      828           371            486              0          10525
   TOTAL (INDUSTRIAL)                1040          3178            679            698          44882

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             41             0              0            114            342
      OPEN BURNING                    300            11             77            405           1282
      TOTAL (RESIDENTIAL)             341            11             77            519           1624

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES            8             2              3              5             12
      TOTAL (COMM-INST)
                AREA SOURCES            8             2              3              5             12

   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES            7             1              1              6              9
      OPEN BURNING
                AREA SOURCES            1             0              0              1              5
      TOTAL (INDUSTRIAL)
                AREA SOURCES            8             1              1              7             14

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES          357            14             81            531           1650

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         1698            82           1884           2395          20004
         LIGHT DUTY TRUCKS            715            48           1057           1259           9221
         HEAVY DUTY VEHICLES          160            15            543            573           7947
         OFF HIGHWAY                   14             6            122            443           4739
         TOTAL (GASOLINE)            2587           151           3606           4670          41911

      DIESEL

         HEAVY DUTY VEHICLES          458           224           2058            242            713
         OFF HIGHWAY                   72            60            736            108            218
         RAIL                          35            77            503            129            177
         TOTAL (DIESEL)               565           361           3297            479           1108

   AIRCRAFT
```

```
*** L08 ***                                                                                          *** L08 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
*************************                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 05:CALIFORNIA                                        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES          SOX           NOX            HC            CO
                                ************    ************  ************  ************  ************
                                 TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  60           1027           429            18           119
         NATURAL GAS                   3084            178         24647          2464          6166
         WOOD                          6473            134           261          1298         46575
         TOTAL (RESIDENTIAL)           9617           1339         25337          3780         52860

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 10895          82918         73193          2754          5178
         DISTILLATE OIL                4804          60107         17545          2274          2311
         NATURAL GAS                   3306           1460         69862           582          3042
         OTHER                          447             47           312            72            72
         TOTAL (ELEC GEN)             19452         144532        160912          5682         10603

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                820           2078          1375            37            86
            POINT SOURCES                41            381           101            12             4
         RESIDUAL OIL
            POINT SOURCES             10652         108133         40393          2352          4825
         DISTILLATE OIL
            POINT SOURCES              1432          16654          9953          1171          1085
         NATURAL GAS
            AREA SOURCES                509             26         86325         33299         11605
            POINT SOURCES              2259           3662         39432          1317          2689
         PROCESS GAS
            POINT SOURCES               284           2032          4090           104            55
         WOOD
            POINT SOURCES              9529           1720         10337          8921         21516
         LIQUID PETROL GAS
            POINT SOURCES                 1              0            39             0             1
         OTHER
            POINT SOURCES               188           3141           436            71           271
         TOTAL (INDUSTRIAL)
            AREA SOURCES               1329           2104         87700         33336         11691
            POINT SOURCES             24386         135723        104781         13948         30446

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            POINT SOURCES                 1             18             8             0             1
         RESIDUAL OIL
```

OFF HIGHWAY	32	18	316	1136	12175
TOTAL (GASOLINE)	12109	499	10703	17791	153275
DIESEL					
HEAVY DUTY VEHICLES	738	314	2796	418	1244
OFF HIGHWAY	89	75	905	133	268
RAIL	69	157	1020	259	358
TOTAL (DIESEL)	896	546	4721	810	1870
AIRCRAFT					
MILITARY	23	2	14	41	73
CIVIL	2	1	3	43	1976
COMMERCIAL	4	8	75	84	187
TOTAL (AIRCRAFT)	29	11	92	168	2236
VESSELS					
DIESEL FUEL	1	1	6	1	2
GASOLINE	0	0	1	50	158
TOTAL (VESSELS)	1	1	7	51	160
TOTAL (TRANSPORTATION)	13035	1057	15523	18820	157541
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	1655	15	390	2336	13632
AGRICULTURAL BURNING	112	0	15	132	737
STRUCTURAL FIRES	112	0	14	84	456
GASOLINE STA EVAP LOSS	0	0	0	2341	0
SOLVENT EVAPORATION LOSS	0	0	0	9803	0
UNPAVED ROADS	16276	0	0	0	0
UNPAVED AIRSTRIPS	27	0	0	0	0
TOTAL (MISCELLANEOUS)	18182	15	419	14696	14825
GRAND TOTAL ***********					
AREA SOURCES	32123	1211	19018	36014	178435
POINT SOURCES	2146	11120	26969	1995	1486
TOTAL	34269	12331	45987	38009	179921

```
*** L10 ***                                                                           *** L10 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES             577         390        6045        1578        2367
                POINT SOURCES           2597       21198       16620         363        1884

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                44         167         236          30          83
            NATURAL GAS                   23           1         272          11          30
            TOTAL (ELEC GEN)              67         168         508          41         113

        INDUSTRIAL FUEL

            DISTILLATE OIL                 0           6           5           1          60
            NATURAL GAS                    0           0           9           0          24
            TOTAL (INDUSTRIAL)             0           6          14           1          84

        ENGINE-TESTING

            TOTAL (ENG TESTNG)            19          74         223          55          83

        TOTAL (INTERNAL COMB)             86         248         745          97         280

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             577         390        6045        1578        2367
                POINT SOURCES           2683       21446       17365         460        2164

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               927           0           0          27           0
    FOOD/AGRICULTURAL                   1178           0         116        2830           0
    PRIMARY METAL                          5           0           0           0           0
    SECONDARY METALS                     834          18        3512        1170          12
    MINERAL PRODUCTS                   10921          16           6           0           0
    ORGANIC SOLVENT EVAPORATION            0           0           0       20710           0
    PETROLEUM STORAGE/TRANSPORT            0           0           0        6685           0
    METAL FABRICATION                     18           0           0           0           0
    TOTAL (INDUSTRIAL)                 13883          34        3634       31422          12

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                      26           2          10          69         140
        OTHER INCINERATION                13           0           5           0           0
        TOTAL (GOVERNMENT)                39           2          15          69         140

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            1632          26          51        4591       13773
        OPEN BURNING                     581          22         149         783        2484
        TOTAL (RESIDENTIAL)             2213          48         200        5374       16257

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              15           5           7           9          20
                POINT SOURCES              1           0           0           0           0
        OPEN BURNING
                AREA SOURCES               3           0           1           6          17
        TOTAL (COMM-INST)
                AREA SOURCES              18           5           8          15          37
```

HEAVY DUTY VEHICLES	104	8	249	296	4867
OFF HIGHWAY	10	5	94	338	3626
TOTAL (GASOLINE)	3584	146	3141	5269	45314
DIESEL					
HEAVY DUTY VEHICLES	140	59	529	81	239
OFF HIGHWAY	27	22	271	40	80
RAIL	22	49	318	81	112
TOTAL (DIESEL)	189	130	1118	202	431
AIRCRAFT					
MILITARY	24	2	15	43	78
TOTAL (AIRCRAFT)	24	2	15	43	78
VESSELS					
DIESEL FUEL	23	29	213	56	74
GASOLINE	0	15	57	2284	7177
TOTAL (VESSELS)	23	44	270	2340	7251
TOTAL (TRANSPORTATION)	3820	322	4544	7854	53074
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	33	0	8	46	271
FOREST MANAGED BURNING	8	0	2	7	42
AGRICULTURAL BURNING	82	0	11	97	538
STRUCTURAL FIRES	30	0	4	23	123
GASOLINE STA EVAP LOSS	0	0	0	876	0
SOLVENT EVAPORATION LOSS	0	0	0	2474	0
UNPAVED ROADS	7179	0	0	0	0
UNPAVED AIRSTRIPS	4	0	0	0	0
TOTAL (MISCELLANEOUS)	7336	0	25	3523	974
GRAND TOTAL ***********					
AREA SOURCES	11428	348	4957	11879	55845
POINT SOURCES	4487	14676	23296	10016	1900
TOTAL	15915	15024	28253	21895	57745

```
*** L13 ***                                                                                                   *** L13 ***
          NATURAL GAS
               AREA SOURCES                  1              0              15               0               2
               POINT SOURCES                 9              0             301               4              20
          TOTAL (COMM-INST)
               AREA SOURCES                 27            335             113               2              11
               POINT SOURCES               143           2009            1115              54             207

       TOTAL (EXTERNAL COMB)
               AREA SOURCES                169            867            4966            1558             709
               POINT SOURCES              3624           8284           10182             141             459

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                     6             70              87               7              20
          NATURAL GAS                       25              1             731              74             204
          TOTAL (ELEC GEN)                  31             71             818              81             224

       INDUSTRIAL FUEL

          NATURAL GAS                        8              1            2777            1136             357
          TOTAL (INDUSTRIAL)                 8              1            2777            1136             357

       TOTAL (INTERNAL COMB)                39             72            3595            1217             581

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES                169            867            4966            1558             709
               POINT SOURCES              3663           8356           13777            1358            1040

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   1              0               0               0               0
    FOOD/AGRICULTURAL                     6107              0               0               0               1
    PRIMARY METAL                            1              0               0               0               0
    MINERAL PRODUCTS                      6288           2550             645               0               0
    ORGANIC SOLVENT EVAPORATION              0              0               0             169               0
    PETROLEUM STORAGE/TRANSPORT              0              0               0              32               0
    OTHER/NOT CLASSIFIED                     0            282               0               0               0
    TOTAL (INDUSTRIAL)                   12397           2832             645             201               1

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                279              4               8             786            2355
       OPEN BURNING                        324             12              82             434            1382
       TOTAL (RESIDENTIAL)                 603             16              90            1220            3737

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES                  6              2               4               4              12
       TOTAL (COMM-INST)
               AREA SOURCES                  6              2               4               4              12

    INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES                  1              0               0               1               1
       TOTAL (INDUSTRIAL)
               AREA SOURCES                  1              0               0               1               1
```

```
*** L14 ***                                                                                              *** L14 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE EMISSIONS REPORT                                                 RUN DATE:  TUESDAY   JANUARY 26, 1982
**************************                                AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE 07:CONNECTICUT                                     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES         SOX           NOX            HC            CO
                              ************    ************  ************  ************  ************
                               TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                19              49             4             4           165
         DISTILLATE OIL               1006           11586          7242           401          2012
         NATURAL GAS                   169               9          1350           136           338
         WOOD                          489              10            19            98          3519
         TOTAL (RESIDENTIAL)          1683           11654          8615           639          6034

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               382              25            68             5             9
         RESIDUAL OIL                 2015           38585         42008           400          1999
         DISTILLATE OIL                 40            1438           604            20           100
         NATURAL GAS                     2               0           150             0             3
         TOTAL (ELEC GEN)             2439           40048         42830           425          2111

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES                0               0             2             0             0
         BITUMINOUS COAL
            AREA SOURCES               132             836           220             6            15
         RESIDUAL OIL
            AREA SOURCES               958            1751          3305            56           276
            POINT SOURCES              511           12341          6594           110           550
         DISTILLATE OIL
            AREA SOURCES                86             823           999            54           142
            POINT SOURCES               18             589           204             9            46
         NATURAL GAS
            AREA SOURCES                92               4          1711            55           165
            POINT SOURCES                6               0           106             4            46
         WOOD
            POINT SOURCES                0               1             3             1             1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              1268            3414          6235           171           598
            POINT SOURCES              535           12931          6909           124           643

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            POINT SOURCES               10               2            10             0             1
         RESIDUAL OIL
            POINT SOURCES               99            1294           976            16            82
```

```
                AREA SOURCES              22              1              262              17              44
                POINT SOURCES              0              0                3               0               0
            TOTAL (COMM-INST)
                AREA SOURCES              64            609              727              38             150
                POINT SOURCES             28            283              193               3              21

         TOTAL (EXTERNAL COMB)
                AREA SOURCES             736           4678             4709             225             971
                POINT SOURCES            570          14416            19503             194            1003

      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

            OTHER                          1              2               19               2               4
            TOTAL (ELEC GEN)               1              2               19               2               4

         ENGINE-TESTING

            TOTAL (ENG TESTNG)             4              4                5              15              10

         TOTAL (INTERNAL COMB)             5              6               24              17              14

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES             736           4678             4709             225             971
                POINT SOURCES            575          14422            19527             211            1017

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING              10              3                1             788               0
      FOOD/AGRICULTURAL                    0              0                2              33               0
      PRIMARY METAL                       11              0                0               0            6588
      SECONDARY METALS                   257              0                1               0            1005
      MINERAL PRODUCTS                    39              0                0               0               0
      ORGANIC SOLVENT EVAPORATION          0              0                0           16174               0
      PETROLEUM STORAGE/TRANSPORT          0              0                0            1273               0
      METAL FABRICATION                    0              0                0              22               0
      TEXTILE MANUFACTURING                0              0                0             271               0
      OTHER/NOT CLASSIFIED                21              1                1             233               0
      TOTAL (INDUSTRIAL)                 338              4                5           18794            7593

SOLID WASTE DISPOSAL
********************

      GOVERNMENT (POINT)

         MUNICIPAL INCINERATION          172             28               34              17             397
         OTHER INCINERATION                1              0                2               0               0
         TOTAL (GOVERNMENT)              173             28               36              17             397

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 POINT SOURCES            67              6                7              29              40
         TOTAL (COMM-INST)
                 POINT SOURCES            67              6                7              29              40

      INDUSTRIAL

         ON SITE INCINERATION
                 POINT SOURCES            46             13               14              17              69
         TOTAL (INDUSTRIAL)
                 POINT SOURCES            46             13               14              17              69
```

NATURAL GAS					
AREA SOURCES	4	0	48	3	8
POINT SOURCES	0	0	3	0	0
LIQUID PETROL GAS					
POINT SOURCES	2	0	7	0	2
TOTAL (COMM-INST)					
AREA SOURCES	124	1452	477	11	50
POINT SOURCES	67	894	212	4	25
TOTAL (EXTERNAL COMB)					
AREA SOURCES	651	4139	1704	74	947
POINT SOURCES	24575	45948	17396	191	719
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	651	4139	1704	74	947
POINT SOURCES	24575	45948	17396	191	719
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	11	0	0	456	0
FOOD/AGRICULTURAL	214	0	0	0	0
MINERAL PRODUCTS	24	0	0	0	0
WOOD PRODUCTS	101	0	0	26	0
PETROLEUM STORAGE/TRANSPORT	0	0	7	67	0
METAL FABRICATION	0	0	0	86	0
OTHER/NOT CLASSIFIED	0	0	0	8	0
TOTAL (INDUSTRIAL)	350	0	7	643	0
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	281	23	28	14	327
TOTAL (GOVERNMENT)	281	23	28	14	327
RESIDENTIAL (AREA)					
ON SITE INCINERATION	8	0	0	24	72
OPEN BURNING	708	26	181	955	3031
TOTAL (RESIDENTIAL)	716	26	181	979	3103
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	18	6	8	10	26
POINT SOURCES	1	0	1	0	1
TOTAL (COMM-INST)					
AREA SOURCES	18	6	8	10	26
POINT SOURCES	1	0	1	0	1
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	23	4	4	21	31
TOTAL (INDUSTRIAL)					
AREA SOURCES	23	4	4	21	31
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	757	36	193	1010	3160
POINT SOURCES	282	23	29	14	328
TRANSPORTATION (AREA) *********************					

*** L17 *** *** L17 ***

```
*** L18 ***                                                                                      *** L18 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              25            4            4           23           34
                POINT SOURCES              3            3            0            3            1
        TOTAL (INDUSTRIAL)
                AREA SOURCES              25            4            4           23           34
                POINT SOURCES              3            3            0            3            1

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              86            7            9          184          514
                POINT SOURCES           1032         1181          169           63         1391

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        85397         2607        57704        92039       850312
            LIGHT DUTY TRUCKS          10055          435         9133        13648       109763
            HEAVY DUTY VEHICLES         3893          270         8020        12587       175389
            OFF HIGHWAY                  143           76         1418         5107        54774
            TOTAL (GASOLINE)           99488         3388        76275       123381      1190238

        DIESEL

            HEAVY DUTY VEHICLES         4964         1919        17483         2734         8244
            OFF HIGHWAY                  258          216         2610          384          772
            RAIL                         222          506         3287          835         1155
            TOTAL (DIESEL)              5444         2641        23380         3953        10171

    AIRCRAFT

        MILITARY                         497           46          298          883         1591
        CIVIL                             12            7           19          283        12942
        COMMERCIAL                       118          259         2414         2701         6021
        TOTAL (AIRCRAFT)                 627          312         2731         3867        20554

    VESSELS

        DIESEL FUEL                      280          349         2610          687          914
        RESIDUAL OIL                     536         7063         1161           81           39
        GASOLINE                           0           45          167         6709        21077
        TOTAL (VESSELS)                  816         7457         3938         7477        22030

    TOTAL (TRANSPORTATION)            106375        13798       106324       138678      1242993

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    1560           12          366         2200        12837
    FOREST MANAGED BURNING              7181           55         1437         6463        40211
    AGRICULTURAL BURNING                6933            0          970         8193        45571
    STRUCTURAL FIRES                     691            1           82          517         2812
    GASOLINE STA EVAP LOSS                 0            0            0        14292            0
    SOLVENT EVAPORATION LOSS               0            0            0        97353            0
    UNPAVED ROADS                      87789            0            0            0            0
    UNPAVED AIRSTRIPS                     10            0            0            0            0
    TOTAL (MISCELLANEOUS)             104164           68         2855       129018       101431

GRAND TOTAL
***********

    AREA SOURCES                      211701        21632       116335       269467      1346018
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                    AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:01 ALABAMA        AQCR:001 ALABAMA AND TOMBIGBEE RIVERS  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX             NOX             HC              CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               6             23               0               6              26
         DISTILLATE OIL                0              2               1               0               0
         NATURAL GAS                  14              0             121              12              31
         WOOD                       1211             24              48             243            8712
         TOTAL (RESIDENTIAL)        1231             49             170             261            8769

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             168           4803            1527              25              85
         DISTILLATE OIL                0              4               2               0               0
         TOTAL (ELEC GEN)            168           4807            1529              25              85

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             630           3619             955              27              64
            POINT SOURCES           1173           7093            1983             118             239
         RESIDUAL OIL
            POINT SOURCES            204           8921             906              16              75
         DISTILLATE OIL
            AREA SOURCES              18            176             216              12              31
            POINT SOURCES              6            319              26               0               6
         NATURAL GAS
            AREA SOURCES              21              0            2283             826             300
            POINT SOURCES             58              4            2990               8              86
         PROCESS GAS
            POINT SOURCES              0            398               0               0               0
         WOOD
            POINT SOURCES           1030            347            1425             285             285
         TOTAL (INDUSTRIAL)
            AREA SOURCES             669           3795            3454             865             395
            POINT SOURCES           2471          17082            7330             427             691

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES               1             20              16               0               2
         NATURAL GAS
            AREA SOURCES               5              0              65               4              11
         TOTAL (COMM-INST)
            AREA SOURCES               6             20              81               4              13

      TOTAL (EXTERNAL COMB)
```

```
    TOTAL                              145097          453976          180257          150698          608292
```

```
          POINT SOURCES                    3              27              23               1               6
      TOTAL (COMM-INST)
          AREA SOURCES                    62             144             729              43             116
          POINT SOURCES                  875            1538            3664             176             425

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                  1773            1471            8429             459            9774
          POINT SOURCES                 6750            6610           12853             747            1451

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

      DISTILLATE OIL                     583             556            8191             655            1781
      NATURAL GAS                        143               5            4237             430            1180
      DIESEL                             250             234            3532             281             769
      OTHER                              372              69            5204             416            1132
      TOTAL (ELEC GEN)                  1348             864           21164            1782            4862

    INDUSTRIAL FUEL

      DISTILLATE OIL                      13              15             229              19              50
      NATURAL GAS                         86               5            6687            1936            1444
      DIESEL FUEL                         39               3             549              42             119
      TOTAL (INDUSTRIAL)                 138              23            7465            1997            1613

    TOTAL (INTERNAL COMB)               1486             887           28629            3779            6475

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                  1773            1471            8429             459            9774
          POINT SOURCES                 8236            7497           41482            4526            7926

INDUSTRIAL PROCESS (POINT)
**************************

  MINERAL PRODUCTS                       272               0               0               0               0
  PETROLEUM INDUSTRY                      22               0             255               6              22
  WOOD PRODUCTS                          308              10             159               0            4904
  ORGANIC SOLVENT EVAPORATION              0               0               0             295               0
  PETROLEUM STORAGE/TRANSPORT              0               0               0           27329               0
  TOTAL (INDUSTRIAL)                     602              10             414           27630            4926

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

     MUNICIPAL INCINERATION                7               1               0               8              14
     TOTAL (GOVERNMENT)                    7               1               0               8              14

  RESIDENTIAL (AREA)

     ON SITE INCINERATION                364               4               9            1020            3056
     OPEN BURNING                        721              24             185             973            3091
     TOTAL (RESIDENTIAL)                1085              28             194            1993            6147

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
           AREA SOURCES                    3               1               1               2               4
           POINT SOURCES                  10               0               1               6               8
     OPEN BURNING
           AREA SOURCES                    1               0               0               2               4
     TOTAL (COMM-INST)
           AREA SOURCES                    4               1               1               4               8
```

*** M05 ***

AREA SOURCES	326	1056	1085	213	399
POINT SOURCES	138	261	2056	94	260
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	6	41	77	6	17
NATURAL GAS	3	87	87	9	24
TOTAL (ELEC GEN)	9	128	164	15	41
INDUSTRIAL FUEL					
DISTILLATE OIL	0	1	2	0	0
TOTAL (INDUSTRIAL)	0	1	2	0	0
TOTAL (INTERNAL COMB)	9	129	166	15	41
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	326	1056	1085	213	399
POINT SOURCES	147	390	2222	109	301
INDUSTRIAL PROCESS (POINT) ***************************					
FOOD/AGRICULTURAL	634	0	0	0	0
SECONDARY METALS	30	0	0	0	0
MINERAL PRODUCTS	280	230	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	19	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	449	0
OTHER/NOT CLASSIFIED	2	0	0	0	0
TOTAL (INDUSTRIAL)	946	230	0	468	0
SOLID WASTE DISPOSAL *********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	104	1	3	293	879
OPEN BURNING	83	3	21	111	354
TOTAL (RESIDENTIAL)	187	4	24	404	1233
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	6	1	3	3	8
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	7	1	3	5	12
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	34	7	7	30	45
OPEN BURNING					
AREA SOURCES	17	1	6	30	105
TOTAL (INDUSTRIAL)					
AREA SOURCES	51	8	13	60	150
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	245	13	40	469	1395
TRANSPORTATION (AREA) **********************					

CIVIL	0	0	0	9	397
TOTAL (AIRCRAFT)	0	0	0	9	397
VESSELS					
GASOLINE	0	1	5	227	718
TOTAL (VESSELS)	0	1	5	227	718
TOTAL (TRANSPORTATION)	3152	513	6908	5385	44134
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	374	4	88	529	3080
FOREST MANAGED BURNING	266	1	53	239	1486
STRUCTURAL FIRES	38	0	4	28	151
GASOLINE STA EVAP LOSS	0	0	0	743	0
SOLVENT EVAPORATION LOSS	0	0	0	6431	0
UNPAVED ROADS	57525	0	0	0	0
TOTAL (MISCELLANEOUS)	58203	5	145	7970	4717
GRAND TOTAL ***********					
AREA SOURCES	62099	2180	10448	14970	52315
POINT SOURCES	2191	13097	7343	1444	45901
TOTAL	64290	15277	17791	16414	98216

AREA SOURCES	1318	3679	4635	73	382
POINT SOURCES	721	9582	6538	112	549
DISTILLATE OIL					
AREA SOURCES	1	20	10	0	2
POINT SOURCES	310	6315	2669	174	370
NATURAL GAS					
AREA SOURCES	877	51	10574	703	1766
POINT SOURCES	481	54	7530	409	969
WOOD					
POINT SOURCES	27	0	14	29	73
LIQUID PETROL GAS					
POINT SOURCES	2	10	11	0	1
OTHER					
POINT SOURCES	47	231	443	14	53
TOTAL (COMM-INST)					
AREA SOURCES	2196	3750	15219	776	2150
POINT SOURCES	1589	16210	17213	738	2016
TOTAL (EXTERNAL COMB)					
AREA SOURCES	13142	7193	128256	37892	66701
POINT SOURCES	45427	296465	282906	20368	43065
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	323	976	4725	175	188
NATURAL GAS	148	912	1463	168	271
OTHER	35	25	518	12	119
TOTAL (ELEC GEN)	506	1913	6706	355	578
INDUSTRIAL FUEL					
DISTILLATE OIL	20	63	1115	684	115
NATURAL GAS	110	57	24719	11704	4429
GASOLINE	0	0	0	1	8
TOTAL (INDUSTRIAL)	130	120	25834	12389	4552
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	11	3	173	34	49
ENGINE-TESTING					
TOTAL (ENG TESTNG)	43	100	328	148	647
TOTAL (INTERNAL COMB)	690	2136	33041	12926	5826
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	13142	7193	128256	37892	66701
POINT SOURCES	46117	298601	315947	33294	48891
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	4528	48712	5226	19193	111032
FOOD/AGRICULTURAL	12587	81	1313	4609	247
PRIMARY METAL	3768	22324	6258	2341	48950
SECONDARY METALS	10023	1836	5336	2188	2173
MINERAL PRODUCTS	45087	11347	24407	940	12352
PETROLEUM INDUSTRY	17270	74017	62381	95337	33099
WOOD PRODUCTS	5368	1382	859	2173	3707
ORGANIC SOLVENT EVAPORATION	9504	13	288	237432	582
PETROLEUM STORAGE/TRANSPORT	45	304	1	103906	0
METAL FABRICATION	726	3	1	230	0

```
*** M10 ***                                                                                                  *** M10 ***
                  POINT SOURCES                1             0             0             0             0

         INDUSTRIAL

            ON SITE INCINERATION
                  AREA SOURCES                20             4             4            18            27
            OPEN BURNING
                  AREA SOURCES                29             1            10            50           174
            TOTAL (INDUSTRIAL)
                  AREA SOURCES                49             5            14            68           201

         TOTAL (SOLID WASTE DISP)
                  AREA SOURCES              2280            58           222          5457         16495
                  POINT SOURCES               40             2            15            69           140

TRANSPORTATION (AREA)
*********************

         LAND VEHICLES

            GASOLINE

               LIGHT DUTY VEHICLES         43677          1285         27764         51538        420052
               LIGHT DUTY TRUCKS            9232           375          7034          9555         87742
               HEAVY DUTY VEHICLES          1346            92          2612          3338         57641
               OFF HIGHWAY                    82            43           811          2921         31328
               TOTAL (GASOLINE)            54337          1795         38221         67352        596763

            DIESEL

               HEAVY DUTY VEHICLES          1921           728          6521          1102          3278
               OFF HIGHWAY                    95            79           956           141           283
               RAIL                          259           590          3828           972          1345
               TOTAL (DIESEL)               2275          1397         11305          2215          4906

         AIRCRAFT

            MILITARY                        2207           207          1327          3927          7071
            CIVIL                              6             3             8           122          5588
            COMMERCIAL                        26            57           531           594          1325
            TOTAL (AIRCRAFT)                2239           267          1866          4643         13984

         VESSELS

            DIESEL FUEL                       30            37           277            73            97
            RESIDUAL OIL                     168          2208           363            25            12
            GASOLINE                           0             7            27          1087          3416
            TOTAL (VESSELS)                  198          2252           667          1185          3525

         TOTAL (TRANSPORTATION)            59049          5711         52059         75395        619178

MISCELLANEOUS (AREA)
********************

         AGRICULTURAL BURNING                 27             0             4            32           179
         STRUCTURAL FIRES                    388             1            46           291          1580
         GASOLINE STA EVAP LOSS                0             0             0          6907             0
         SOLVENT EVAPORATION LOSS              0             0             0         40507             0
         UNPAVED ROADS                     32420             0             0             0             0
         TOTAL (MISCELLANEOUS)             32835             1            50         47737          1759

GRAND TOTAL
***********

         AREA SOURCES                      94741          6160         58376        130167        639799
```

```
                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                    ******************************

                                                    ENVIRONMENTAL PROTECTION AGENCY
                                                    *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:06 COLORADO        AQCR:034 COMANCHE                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES        SOX             NOX             HC              CO
                                ************    ************    ************    ************    ************
                                 TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              0               1               0               0               2
            DISTILLATE OIL               0              13               5               0               1
            NATURAL GAS                 13               0             110              11              27
            WOOD                        11               0               0               2              81
            TOTAL (RESIDENTIAL)         24              14             115              13             111

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 0               2               4               0               0
            NATURAL GAS                  9               0             627               1              16
            TOTAL (ELEC GEN)             9               2             631               1              16

        INDUSTRIAL FUEL

            RESIDUAL OIL
                AREA SOURCES             2              40              10               0               0
            DISTILLATE OIL
                AREA SOURCES             0              10               8               0               1
            NATURAL GAS
                AREA SOURCES             8               0             887             318             115
                POINT SOURCES            1               0              14               1               2
            COKE
                POINT SOURCES            3              17               8               0               1
            TOTAL (INDUSTRIAL)
                AREA SOURCES            10              50             905             318             116
                POINT SOURCES            4              17              22               1               3

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES             4              59              18               0               1
                POINT SOURCES            1               7              13               0               1
            DISTILLATE OIL
                POINT SOURCES            0               8               2               0               0
            NATURAL GAS
                AREA SOURCES             0               0               5               0               0
                POINT SOURCES            9               0             307               3              17
            TOTAL (COMM-INST)
                AREA SOURCES             4              59              23               0               1
                POINT SOURCES           10              15             322               3              18

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            38             123            1043             331             228
```

```
*** M13 ***                                                                    *** M13 ***
    TOTAL (SOLID WASTE DISP)
            AREA SOURCES                610          18          94        1225        3750

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        5620         253        4723       12675      135219
            LIGHT DUTY TRUCKS          2144         135        2234        5362       53374
            HEAVY DUTY VEHICLES         472          48        1146        2395       40482
            OFF HIGHWAY                  52          28         518        1860       19947
            TOTAL (GASOLINE)           8288         464        8621       22292      249022

        DIESEL

            HEAVY DUTY VEHICLES         880         433        4372        1082        2435
            OFF HIGHWAY                 435         365        4409         647        1304
            RAIL                        123         283        1823         464         640
            TOTAL (DIESEL)             1438        1081       10604        2193        4379

    AIRCRAFT

        CIVIL                             2           0           2          42        1866
        TOTAL (AIRCRAFT)                  2           0           2          42        1866

    VESSELS

        GASOLINE                          0           4          18         732        2297
        TOTAL (VESSELS)                   0           4          18         732        2297

    TOTAL (TRANSPORTATION)             9728        1549       19245       25259      257564

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    215           2          51         304        1775
    FOREST MANAGED BURNING             1247          10         249        1122        6980
    STRUCTURAL FIRES                     69           0           8          51         279
    GASOLINE STA EVAP LOSS                0           0           0        1648           0
    SOLVENT EVAPORATION LOSS              0           0           0        8299           0
    UNPAVED ROADS                    201155           0           0           0           0
    UNPAVED AIRSTRIPS                   103           0           0           0           0
    TOTAL (MISCELLANEOUS)            202789          12         308       11424        9034

GRAND TOTAL
***********

    AREA SOURCES                     213296        2446       24613       39466      271057

    POINT SOURCES                     16060       11188       14422        1559        1041

    TOTAL                            229356       13634       39035       41025      272098
```

```
*** M14 ***                                                                                   *** M14 ***
            DISTILLATE OIL
                AREA SOURCES                163          2322          1774            79           404
                POINT SOURCES                 5           175            59             2            14
            NATURAL GAS
                AREA SOURCES                 84             4          1004            67           168
                POINT SOURCES                 0             0            10             0             1
            TOTAL (COMM-INST)
                AREA SOURCES                247          2326          2778           146           572
                POINT SOURCES               114          1471          1055            18            98

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               3198         17394         17628           956          7204
                POINT SOURCES              3088         54450         50794           567          2852

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    1             2            11             1             2
            OTHER                            40            50           554            46           125
            TOTAL (ELEC GEN)                 41            52           565            47           127

        INDUSTRIAL FUEL

            DISTILLATE OIL                    8            47           109             8            24
            NATURAL GAS                       0             0             4             1             1
            GASOLINE                         12            10           188           297          7364
            TOTAL (INDUSTRIAL)               20            57           301           306          7389

        ENGINE-TESTING

            TOTAL (ENG TESTNG)               37            31            58           130           116

        TOTAL (INTERNAL COMB)                98           140           924           483          7632

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               3198         17394         17628           956          7204
                POINT SOURCES              3186         54590         51718          1050         10484

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              487             3             1          2018            66
    FOOD/AGRICULTURAL                    27             0             2            33             0
    PRIMARY METAL                        11             0             0             0          6588
    SECONDARY METALS                   1947             0             3            70          2182
    MINERAL PRODUCTS                  12107           481           134             2             4
    WOOD PRODUCTS                        21             0             0             0             0
    ORGANIC SOLVENT EVAPORATION          26             0             0         57311             0
    PETROLEUM STORAGE/TRANSPORT           0             0             0          3993             0
    METAL FABRICATION                    18             0             0           130             0
    TEXTILE MANUFACTURING                16             0             0           603             0
    OTHER/NOT CLASSIFIED                293            31             9          2863            46
    TOTAL (INDUSTRIAL)                14953           515           149         67023          8886

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          214            35            43            22           501
        OTHER INCINERATION               29             4            16             2            61
        TOTAL (GOVERNMENT)              243            39            59            24           562

    RESIDENTIAL (AREA)
```

```
*** M15 ***                                                                                                   *** M15 ***
    TOTAL (SOLID WASTE DISP)
                POINT SOURCES            286               47               57               63               506

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        18502              593            14475            23866            223562
            LIGHT DUTY TRUCKS           1573               70             1563             2406             20106
            HEAVY DUTY VEHICLES          440               32             1040             1692             22567
            OFF HIGHWAY                   36               19              355             1277             13692
            TOTAL (GASOLINE)           20551              714            17433            29241            279927

        DIESEL

            HEAVY DUTY VEHICLES          930              370             3796              592              1647
            OFF HIGHWAY                  232              194             2346              345               694
            RAIL                          22               50              324               82               114
            TOTAL (DIESEL)              1184              614             6466             1019              2455

    AIRCRAFT

        MILITARY                           6                1                4               11                20
        CIVIL                              2                1                2               34              1541
        COMMERCIAL                         2                5               43               48               106
        TOTAL (AIRCRAFT)                  10                7               49               93              1667

    VESSELS

        GASOLINE                           0                6               23              919              2886
        TOTAL (VESSELS)                    0                6               23              919              2886

    TOTAL (TRANSPORTATION)             21745             1341            23971            31272            286935

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      15                0                3               21               121
    STRUCTURAL FIRES                     227                1               27              170               923
    GASOLINE STA EVAP LOSS                 0                0                0             3476                 0
    SOLVENT EVAPORATION LOSS               0                0                0            43652                 0
    UNPAVED ROADS                         59                0                0                0                 0
    TOTAL (MISCELLANEOUS)                301                1               30            47319              1044

GRAND TOTAL
***********

    AREA SOURCES                       22782             6020            28710            78816            288950

    POINT SOURCES                       1199            14473            19589            19068              9116

    TOTAL                              23981            20493            48299            97884            298066
```

```
*** M16 ***                                                                                       *** M16 ***
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          2940          210          5082          5709         42662
            LIGHT DUTY TRUCKS             662           66          1509          1538         10092
            HEAVY DUTY VEHICLES           208           28          1022           884         12106
            OFF HIGHWAY                    20           10           196           704          7554
            TOTAL (GASOLINE)             3830          314          7809          8835         72414

        DIESEL

            HEAVY DUTY VEHICLES           373          212          1970           193           560
            OFF HIGHWAY                   167          140          1683           248           498
            RAIL                            4            8            54            14            19
            TOTAL (DIESEL)                544          360          3707           455          1077

    AIRCRAFT

        MILITARY                          215           20           129           382           688
        CIVIL                               0            0             1             9           414
        TOTAL (AIRCRAFT)                  215           20           130           391          1102

    VESSELS

        DIESEL FUEL                         5            6            47            13            16
        GASOLINE                            0            8            31          1263          3967
        TOTAL (VESSELS)                     5           14            78          1276          3983

    TOTAL (TRANSPORTATION)               4594          708         11724         10957         78576

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        4            0             1             6            34
    FOREST MANAGED BURNING                 18            0             3            16           100
    AGRICULTURAL BURNING                   12            0             1            15            80
    STRUCTURAL FIRES                       46            0             6            35           188
    GASOLINE STA EVAP LOSS                  0            0             0           886             0
    SOLVENT EVAPORATION LOSS                0            0             0          5535             0
    UNPAVED ROADS                        6705            0             0             0             0
    TOTAL (MISCELLANEOUS)                6785            0            11          6493           402

GRAND TOTAL
***********

    AREA SOURCES                        12787         4883         13632         18534         83085

    POINT SOURCES                       25207        45971         17432           848          1047

    TOTAL                               37994        50854         31064         19382         84132
```

```
*** M17 ***                                                                                                    *** M17 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                               AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:10 FLORIDA         AQCR:005 MOBILE-PENSACOLA-PANAMA CITY-S         POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                 PARTICULATES        SOX            NOX             HC              CO
                                 ************    ************   ************   ************   ************
                                  TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                     1              17             10              0              2
         NATURAL GAS                       39               1            314             32             78
         WOOD                             264               4             12             54           1890
         TOTAL (RESIDENTIAL)              304              22            336             86           1970

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 2779           97845          25339            422           1408
         RESIDUAL OIL                      11              74             33              0              2
         DISTILLATE OIL                     0               8              5              0              1
         NATURAL GAS                       50               3           4036              6             98
         TOTAL (ELEC GEN)                2840           97930          29413            428           1509

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES                 255            1473            389             12             24
             POINT SOURCES                 84             437            201              3             11
         RESIDUAL OIL
             POINT SOURCES               1770           26780           5209             87            434
         DISTILLATE OIL
             AREA SOURCES                  13             136            169              8             24
             POINT SOURCES                 57             367             79              4             18
         NATURAL GAS
             AREA SOURCES                   8               0            965            356            127
             POINT SOURCES                299              19           9650             50            328
         WOOD
             POINT SOURCES               6289            1538          11528           2306           2306
         TOTAL (INDUSTRIAL)
             AREA SOURCES                 276            1609           1523            376            175
             POINT SOURCES               8499           29141          26667           2450           3097

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
             AREA SOURCES                  24             320             86              1              6
             POINT SOURCES                  1            1859            342              6             28
         DISTILLATE OIL
             AREA SOURCES                   4              53             39              1              8
             POINT SOURCES                  1              12              7              0              2
         NATURAL GAS
             AREA SOURCES                   1               0             17              1              3
             POINT SOURCES                 66               4           1487             24            117
```

POINT SOURCES	51466	158053	87037	8756	10858
TOTAL	263167	179685	203372	278223	1356876

```
*** N01 ***                                                                                     *** N01 ***
                AREA SOURCES               1906         3864         3705         1130         9177
                POINT SOURCES              2639        21889         8859          452          776

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                       0            4            2            0            0
         TOTAL (ELEC GEN)                     0            4            2            0            0

      TOTAL (INTERNAL COMB)                   0            4            2            0            0

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES               1906         3864         3705         1130         9177
                POINT SOURCES              2639        21893         8861          452          776

INDUSTRIAL PROCESS (POINT)
***************************

   CHEMICAL MANUFACTURING                    54         5409            1          151            1
   PRIMARY METAL                             80            0            0            0            0
   SECONDARY METALS                          44            0            0            0            0
   MINERAL PRODUCTS                         240            0            0            0            0
   PETROLEUM INDUSTRY                         0         3852            0           50         1402
   WOOD PRODUCTS                           2300         2846         1397            0        30016
   PETROLEUM STORAGE/TRANSPORT                0            0            0            6            0
   METAL FABRICATION                        511            0            0            0            0
   TOTAL (INDUSTRIAL)                      3229        12107         1398          207        31419

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                  142            1            3          404         1211
      OPEN BURNING                          648           25          164          870         2766
      TOTAL (RESIDENTIAL)                   790           26          167         1274         3977

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
                AREA SOURCES                 10            0            1           19           41
      TOTAL (COMM-INST)
                AREA SOURCES                 10            0            1           19           41

   INDUSTRIAL

      OPEN BURNING
                AREA SOURCES                  4            0            1            5           20
                POINT SOURCES                12            1            9          153          434
      TOTAL (INDUSTRIAL)
                AREA SOURCES                  4            0            1            5           20
                POINT SOURCES                12            1            9          153          434

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES                804           26          169         1298         4038
                POINT SOURCES                12            1            9          153          434

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE
```

*** N03 *** *** N03 ***

POINT SOURCES	10	0	1	6	8
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	1	0	0	1	1
POINT SOURCES	79	18	113	80	482
OPEN BURNING					
AREA SOURCES	10	0	3	15	60
POINT SOURCES	9	0	2	12	70
TOTAL (INDUSTRIAL)					
AREA SOURCES	11	0	3	16	61
POINT SOURCES	88	18	115	92	552
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1100	29	198	2013	6216
POINT SOURCES	105	19	116	106	574
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	4126	174	4436	6174	56036
LIGHT DUTY TRUCKS	2661	163	4036	5323	42718
HEAVY DUTY VEHICLES	339	30	1174	1422	19314
OFF HIGHWAY	9	4	126	458	4918
TOTAL (GASOLINE)	7135	371	9772	13377	122986
DIESEL					
HEAVY DUTY VEHICLES	439	200	2266	305	797
OFF HIGHWAY	316	265	3175	468	940
RAIL	28	68	437	105	154
TOTAL (DIESEL)	783	533	5878	878	1891
AIRCRAFT					
MILITARY	823	78	494	1466	2637
CIVIL	4	2	7	170	7700
COMMERCIAL	61	133	1257	1405	3135
TOTAL (AIRCRAFT)	888	213	1758	3041	13472
VESSELS					
DIESEL FUEL	447	562	4175	1093	1464
RESIDUAL OIL	19	265	43	3	0
GASOLINE	0	6	35	1409	4421
TOTAL (VESSELS)	466	833	4253	2505	5885
TOTAL (TRANSPORTATION)	9272	1950	21661	19801	144234
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	216	0	49	302	1776
FOREST MANAGED BURNING	487	3	98	440	2725
STRUCTURAL FIRES	88	0	6	62	352
GASOLINE STA EVAP LOSS	0	0	0	1866	0
SOLVENT EVAPORATION LOSS	0	0	0	4702	0
UNPAVED ROADS	611452	0	0	0	0
UNPAVED AIRSTRIPS	1755	0	0	0	0
TOTAL (MISCELLANEOUS)	613998	3	153	7372	4853

```
*** N04 ***                                                                                       *** N04 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY   JANUARY 26, 1982
***************************                              AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:02 ALASKA        AQCR:011 SOUTHEASTERN ALASKA     POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                               PARTICULATES       SOX           NOX           HC            CO
                               ************  ************  ************  ************  ************
                                TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 15           247           102             5            29
         WOOD                           77             0             2            15           558
         TOTAL (RESIDENTIAL)            92           247           104            20           587

      ELEC GENERATION (POINT)

         OTHER                         152            97           647           129           129
         TOTAL (ELEC GEN)              152            97           647           129           129

      INDUSTRIAL FUEL

         DISTILLATE OIL
            AREA SOURCES                 3            68            55             2             7
            POINT SOURCES                3          1871           267            12            61
         NATURAL GAS
            AREA SOURCES                45             1           804            12            76
         WOOD
            POINT SOURCES              353           111           737           147           147
         TOTAL (INDUSTRIAL)
            AREA SOURCES                48            69           859            14            83
            POINT SOURCES              356          1982          1004           159           208

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 2            33             8             0             0
         DISTILLATE OIL
            POINT SOURCES                2             3            24             1             6
         NATURAL GAS
            AREA SOURCES                 6             0            70             3            10
         TOTAL (COMM-INST)
            AREA SOURCES                 8            33            78             3            10
            POINT SOURCES                2             3            24             1             6

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               148           349          1041            37           680
            POINT SOURCES              510          2082          1675           289           343

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                 93            88          1318           105           287
```

```
*** NO5 ***                                                                                      *** NO5 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          2400          115          2764          4138          33000
         LIGHT DUTY TRUCKS            1077           72          1586          1978          14117
         HEAVY DUTY VEHICLES            92            9           289           342           4648
         OFF HIGHWAY                     8            4            77           278           2981
         TOTAL (GASOLINE)             3577          200          4716          6736          54746

      DIESEL

         HEAVY DUTY VEHICLES           306          145          1339           171            513
         OFF HIGHWAY                    57           48           578            85            171
         RAIL                           35           79           518           131            182
         TOTAL (DIESEL)                398          272          2435           387            866

   AIRCRAFT

      MILITARY                         369           35           222           656           1181
      CIVIL                              1            0             2            19            888
      TOTAL (AIRCRAFT)                 370           35           224           675           2069

   VESSELS

      GASOLINE                           0           21            80          3211          10087
      TOTAL (VESSELS)                    0           21            80          3211          10087

   TOTAL (TRANSPORTATION)             4345          528          7455         11009          67768

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                     24            0             3            19            101
   GASOLINE STA EVAP LOSS                0            0             0          1056              0
   SOLVENT EVAPORATION LOSS              0            0             0          1870              0
   UNPAVED ROADS                     18497            0             0             0              0
   UNPAVED AIRSTRIPS                    38            0             0             0              0
   TOTAL (MISCELLANEOUS)             18559            0             3          2945            101

GRAND TOTAL
***********

   AREA SOURCES                      23475         1597          8583         14636          69663

   POINT SOURCES                      1093          620          2222           577            301

   TOTAL                             24568         2217         10805         15213          69964
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:    TUESDAY    JANUARY 26, 1982
****************************                                          AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:04 ARKANSAS        AQCR:016 CENTRAL ARKANSAS                   POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                PARTICULATES          SOX             NOX             HC              CO
                                ************     ************    ************    ************    ************
                                 TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                 1               38              24               0               4
            NATURAL GAS                  114                5             901              92             225
            WOOD                        1079               20              45             218            7749
            TOTAL (RESIDENTIAL)         1194               63             970             310            7978

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 540             6599            4842              46             231
            DISTILLATE OIL                 7               50             110               4              18
            NATURAL GAS                   67                4            4653               7             113
            TOTAL (ELEC GEN)             614             6653            9605              57             362

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             605             6403            1125              33              73
            RESIDUAL OIL
                AREA SOURCES              54              728             184               2              14
                POINT SOURCES             77             2111            1293              20             102
            NATURAL GAS
                AREA SOURCES             103                5           13187            4914            1754
                POINT SOURCES              6                0              93               2               8
            WOOD
                POINT SOURCES           6478              455            3028             605             605
            TOTAL (INDUSTRIAL)
                AREA SOURCES             762             7136           14496            4949            1841
                POINT SOURCES           6561             2566            4414             627             715

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES               3               10               3               0               0
            RESIDUAL OIL
                AREA SOURCES             113             1567             396               6              33
                POINT SOURCES             20             1330             201               3              17
            DISTILLATE OIL
                AREA SOURCES               2               57              44               1               8
            NATURAL GAS
                AREA SOURCES              79                3             959              65             161
            TOTAL (COMM-INST)
                AREA SOURCES             197             1637            1402              72             202
                POINT SOURCES             20             1330             201               3              17
```

TEXTILE MANUFACTURING	62	0	27	234	2
OTHER/NOT CLASSIFIED	1384	1757	6045	6579	5833
TOTAL (INDUSTRIAL)	110352	161776	112142	475162	217977
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	21	7	6	8	98
OPEN BURNING	733	45	275	1517	3905
OTHER INCINERATION	45	5	208	22	0
TOTAL (GOVERNMENT)	799	57	489	1547	4003
RESIDENTIAL (AREA)					
ON SITE INCINERATION	23933	371	749	67308	201910
OPEN BURNING	8512	315	2179	11478	36428
TOTAL (RESIDENTIAL)	32445	686	2928	78786	238338
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	204	61	97	121	287
POINT SOURCES	103	15	124	115	1081
OPEN BURNING					
AREA SOURCES	51	1	17	95	252
TOTAL (COMM-INST)					
AREA SOURCES	255	62	114	216	539
POINT SOURCES	103	15	124	115	1081
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	288	57	57	260	388
POINT SOURCES	3488	83	755	4199	45748
OPEN BURNING					
AREA SOURCES	414	16	140	712	2517
POINT SOURCES	994	47	106	1879	6139
TOTAL (INDUSTRIAL)					
AREA SOURCES	702	73	197	972	2905
POINT SOURCES	4482	130	861	6078	51887
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	33402	821	3239	79974	241782
POINT SOURCES	5384	202	1474	7740	56971
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	564526	17734	380931	692152	5526721
LIGHT DUTY TRUCKS	111035	5063	94655	122088	1082203
HEAVY DUTY VEHICLES	21618	1566	45922	55777	952539
OFF HIGHWAY	1383	728	13682	49270	528348
TOTAL (GASOLINE)	698562	25091	535190	919287	8089811
DIESEL					
HEAVY DUTY VEHICLES	50002	19871	176062	28247	84136
OFF HIGHWAY	2421	2025	24499	3602	7249
RAIL	3294	7506	48698	12372	17115
TOTAL (DIESEL)	55717	29402	249259	44221	108500

```
*** N09 ***                                                                                                         *** N09 ***

                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                    ******************************

                                                    ENVIRONMENTAL PROTECTION AGENCY
                                                    *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:05 CALIFORNIA      AQCR:026 NORTH COAST                           POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                      PARTICULATES         SOX              NOX              HC               CO
                                      ************    ************     ************     ************     ************
                                       TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                   11             184               76                4               21
            NATURAL GAS                      41               1              317               32               79
            WOOD                           2199              44               88              440            15831
            TOTAL (RESIDENTIAL)            2251             229              481              476            15931

        ELEC GENERATION (POINT)

            RESIDUAL OIL                    110            1492              627                6               31
            NATURAL GAS                      25               2             1569                3               39
            TOTAL (ELEC GEN)                135            1494             2196                9               70

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                  4               9                6                0                0
            RESIDUAL OIL
                POINT SOURCES                97            1467              378               11               84
            DISTILLATE OIL
                POINT SOURCES                 1              34               10                0                2
            NATURAL GAS
                AREA SOURCES                  4               0              554              213               74
                POINT SOURCES                 3               0              204                0               16
            WOOD
                POINT SOURCES              4000             131             1495             1642             3906
            TOTAL (INDUSTRIAL)
                AREA SOURCES                  8               9              560              213               74
                POINT SOURCES              4101            1632             2087             1653             4008

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                 15              42               52                0                3
            DISTILLATE OIL
                POINT SOURCES                 1              27               11                1                3
            NATURAL GAS
                AREA SOURCES                  7               0               85                5               15
            WOOD
                POINT SOURCES                27               0               14               29               73
            TOTAL (COMM-INST)
                AREA SOURCES                 22              42              137                5               18
                POINT SOURCES                28              27               25               30               76

        TOTAL (EXTERNAL COMB)
```

*** N10 ***

POINT SOURCES	16606	21482	21014	31951	2316
TOTAL	111347	27642	79390	162118	642115

*** N10 ***

```
*** N11 ***                                                                                                   *** N11 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:05 CALIFORNIA      AQCR:033 SOUTHEAST DESERT                        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                 PARTICULATES          SOX                NOX               HC                 CO
                                 ************      ************      ************      ************      ************
                                  TONS / YR          TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                0                3                 1                 0                 0
            NATURAL GAS                   7                0                56                 6                14
            WOOD                         11                0                 0                 2                81
            TOTAL (RESIDENTIAL)          18                3                57                 8                95

        ELEC GENERATION (POINT)

            RESIDUAL OIL                248             5556              3986                53               144
            DISTILLATE OIL               12              312               114                27                37
            NATURAL GAS                  61                4              3160                30               120
            TOTAL (ELEC GEN)            321             5872              7260               110               301

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              1                2                 2                 0                 0
                POINT SOURCES            41              381               101                12                 4
            RESIDUAL OIL
                POINT SOURCES            18              169                68                10                 8
            DISTILLATE OIL
                POINT SOURCES             1               67                16                 1                 4
            NATURAL GAS
                AREA SOURCES              1                0                85                33                11
                POINT SOURCES            51               20              4534                78               284
            LIQUID PETROL GAS
                POINT SOURCES             0                0                33                 0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              2                2                87                33                11
                POINT SOURCES           111              637              4752               101               300

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES              3               10                12                 0                 1
                POINT SOURCES             6               85                21                 0                 2
            DISTILLATE OIL
                POINT SOURCES             0               12                 4                 0                 0
            NATURAL GAS
                AREA SOURCES              2                0                27                 2                 5
                POINT SOURCES            17                1               274                 4                21
            TOTAL (COMM-INST)
                AREA SOURCES              5               10                39                 2                 6
                POINT SOURCES            23               98               299                 4                23
```

*** N12 *** *** N12 ***

POINT SOURCES	23	34	975	5	37
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	6	105	94	7	22
NATURAL GAS	3	0	278	89	48
TOTAL (ELEC GEN)	9	105	372	96	70
INDUSTRIAL FUEL					
NATURAL GAS	13	0	1372	1716	536
TOTAL (INDUSTRIAL)	13	0	1372	1716	536
TOTAL (INTERNAL COMB)	22	105	1744	1812	606
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	38	123	1043	331	228
POINT SOURCES	45	139	2719	1817	643
INDUSTRIAL PROCESS (POINT)					
**************************					
FOOD/AGRICULTURAL	352	0	0	0	0
SECONDARY METALS	28	0	0	0	0
MINERAL PRODUCTS	120	0	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	89	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	28	0
TOTAL (INDUSTRIAL)	500	0	0	117	0
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	85	0	2	239	716
OPEN BURNING	85	1	21	113	361
TOTAL (RESIDENTIAL)	170	1	23	352	1077
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	0	0	0	0	1
TOTAL (COMM-INST)					
AREA SOURCES	0	0	0	0	1
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	170	1	23	352	1078
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	947	54	1033	2554	26276
LIGHT DUTY TRUCKS	466	39	644	1365	12946
HEAVY DUTY VEHICLES	148	19	432	813	13569
OFF HIGHWAY	23	14	225	813	8718
TOTAL (GASOLINE)	1584	126	2334	5545	61509
DIESEL					

*** N13 ***

```
*** N14 ***                                                                                         *** N14 ***

        ON SITE INCINERATION              1373          21          43        3861       11580
        OPEN BURNING                      2081          77         532        2807        8905
        TOTAL (RESIDENTIAL)               3454          98         575        6668       20485

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                10           2           5           6          14
                POINT SOURCES              152           7          39          30          43
        TOTAL (COMM-INST)
                AREA SOURCES                10           2           5           6          14
                POINT SOURCES              152           7          39          30          43

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES              231          73          83         120         330
        TOTAL (INDUSTRIAL)
                POINT SOURCES              231          73          83         120         330

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              3464         100         580        6674       20499
                POINT SOURCES              626         119         181         174         935

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          64982        2310       57116       88917      810437
            LIGHT DUTY TRUCKS             7216         371        8495       11921       95861
            HEAVY DUTY VEHICLES           1855         144        4807        7111       95926
            OFF HIGHWAY                    138          72        1355        4880       52335
            TOTAL (GASOLINE)             74191        2897       71773      112829     1054559

        DIESEL

            HEAVY DUTY VEHICLES           4384        1803       18217        2709        7573
            OFF HIGHWAY                    967         811        9789        1439        2898
            RAIL                            86         193        1249         317         438
            TOTAL (DIESEL)                5437        2807       29255        4465       10909

    AIRCRAFT

        MILITARY                            76           7          46         136         244
        CIVIL                                4           2           6         105        4759
        COMMERCIAL                          39          86         801         896        1998
        TOTAL (AIRCRAFT)                   119          95         853        1137        7001

    VESSELS

        DIESEL FUEL                         16          20         148          38          52
        RESIDUAL OIL                         1          19           3           0           0
        GASOLINE                             0          26          93        3746       11764
        TOTAL (VESSELS)                     17          65         244        3784       11816

    TOTAL (TRANSPORTATION)               79764        5864      102125      122215     1084285

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       196           1          47         277        1612
    STRUCTURAL FIRES                       868           3         104         649        3529
```

```
*** N17 ***                                                                                          *** N17 ***
          TOTAL (COMM-INST)
               AREA SOURCES                 29           373           142             3            17
               POINT SOURCES                68          1875          1836            30           147

       TOTAL (EXTERNAL COMB)
               AREA SOURCES                609          2004          2001           465          2162
               POINT SOURCES             11407        128946         57916          2908          4753

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                     0             0            10             1             2
          TOTAL (ELEC GEN)                   0             0            10             1             2

       INDUSTRIAL FUEL

          DISTILLATE OIL                     0            11           158            13            34
          TOTAL (INDUSTRIAL)                 0            11           158            13            34

       TOTAL (INTERNAL COMB)                 0            11           168            14            36

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES                609          2004          2001           465          2162
               POINT SOURCES             11407        128957         58084          2922          4789

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                2736         42372          5781          2948          8410
    FOOD/AGRICULTURAL                       17             0             0             0             0
    MINERAL PRODUCTS                       208             0             0             0             0
    PETROLEUM INDUSTRY                     483         11600           492             6            43
    WOOD PRODUCTS                         2863          6663          1277             0         28687
    ORGANIC SOLVENT EVAPORATION              0             0             0           994             0
    PETROLEUM STORAGE/TRANSPORT              0             0             0          2357             0
    OTHER/NOT CLASSIFIED                    57          1168             0             0             0
    TOTAL (INDUSTRIAL)                    6364         61803          7550          6305         37140

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             344            29            34            17           402
        OTHER INCINERATION                 547             5            28             5             0
        TOTAL (GOVERNMENT)                 891            34            62            22           402

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                19             0             0            54           163
        TOTAL (RESIDENTIAL)                 19             0             0            54           163

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
               AREA SOURCES                  0             0             0             0             2
        TOTAL (COMM-INST)
               AREA SOURCES                  0             0             0             0             2

    INDUSTRIAL

        ON SITE INCINERATION
               AREA SOURCES                  6             1             1             5             6
               POINT SOURCES                99            16            13            99           131
```

```
A01...STATE:03 ARIZONA          AQCR:015
B01...UNITED STATES
C01...UNITED STATES
D01...UNITED STATES
E01...UNITED STATES
F01...UNITED STATES
G01...UNITED STATES
H01...STATE 01:ALABAMA
I01...STATE 01:ALABAMA
J01...STATE 01:ALABAMA
K01...STATE 01:ALABAMA
L01...STATE 01:ALABAMA
M01...STATE:01 ALABAMA          AQCR:001
N01...STATE:01 ALABAMA          AQCR:001
O01...STATE:01 ALABAMA          AQCR:001
A02...STATE:01 ALABAMA          AQCR:001
B02...STATE:01 ALABAMA          AQCR:002
C02...STATE:01 ALABAMA          AQCR:002
D02...STATE:01 ALABAMA          AQCR:002
E02...STATE:01 ALABAMA          AQCR:002
F02...STATE:01 ALABAMA          AQCR:003
G02...STATE:01 ALABAMA          AQCR:003
H02...STATE:01 ALABAMA          AQCR:003
I02...STATE:01 ALABAMA          AQCR:003
J02...STATE:01 ALABAMA          AQCR:004
K02...STATE:01 ALABAMA          AQCR:004
L02...STATE:01 ALABAMA          AQCR:004
M02...STATE:01 ALABAMA          AQCR:004
N02...STATE:01 ALABAMA          AQCR:004
O02...STATE:01 ALABAMA          AQCR:005
A03...STATE:01 ALABAMA          AQCR:005
B03...STATE:01 ALABAMA          AQCR:005
C03...STATE:01 ALABAMA          AQCR:005
D03...STATE:01 ALABAMA          AQCR:006
E03...STATE:01 ALABAMA          AQCR:006
F03...STATE:01 ALABAMA          AQCR:006
G03...STATE:01 ALABAMA          AQCR:006
H03...STATE:01 ALABAMA          AQCR:007
I03...STATE:01 ALABAMA          AQCR:007
J03...STATE:01 ALABAMA          AQCR:007
K03...STATE:01 ALABAMA          AQCR:007
L03...STATE 02:ALASKA
M03...STATE 02:ALASKA
N03...STATE 02:ALASKA
O03...STATE 02:ALASKA
```

```
A04...STATE 02:ALASKA
B04...STATE:02 ALASKA           AQCR:008
C04...STATE:02 ALASKA           AQCR:008
D04...STATE:02 ALASKA           AQCR:008
E04...STATE:02 ALASKA           AQCR:008
F04...STATE:02 ALASKA           AQCR:009
G04...STATE:02 ALASKA           AQCR:009
H04...STATE:02 ALASKA           AQCR:009
I04...STATE:02 ALASKA           AQCR:009
J04...STATE:02 ALASKA           AQCR:010
K04...STATE:02 ALASKA           AQCR:010
L04...STATE:02 ALASKA           AQCR:010
M04...STATE:02 ALASKA           AQCR:010
N04...STATE:02 ALASKA           AQCR:011
O04...STATE:02 ALASKA           AQCR:011
A05...STATE:02 ALASKA           AQCR:011
B05...STATE:02 ALASKA           AQCR:011
C05...STATE 03:ARIZONA
D05...STATE 03:ARIZONA
E05...STATE 03:ARIZONA
F05...STATE 03:ARIZONA
G05...STATE 03:ARIZONA
H05...STATE:03 ARIZONA          AQCR:012
I05...STATE:03 ARIZONA          AQCR:012
J05...STATE:03 ARIZONA          AQCR:012
K05...STATE:03 ARIZONA          AQCR:012
L05...STATE:03 ARIZONA          AQCR:013
M05...STATE:03 ARIZONA          AQCR:013
N05...STATE:03 ARIZONA          AQCR:013
O05...STATE:03 ARIZONA          AQCR:013
A06...STATE:03 ARIZONA          AQCR:014
B06...STATE:03 ARIZONA          AQCR:014
C06...STATE:03 ARIZONA          AQCR:014
D06...STATE:03 ARIZONA          AQCR:014
E06...STATE:03 ARIZONA          AQCR:015
F06...STATE:03 ARIZONA          AQCR:015
G06...STATE:03 ARIZONA          AQCR:015
H06...STATE:03 ARIZONA          AQCR:015
I06...STATE:03 ARIZONA          AQCR:015
J06...STATE 04:ARKANSAS
K06...STATE 04:ARKANSAS
L06...STATE 04:ARKANSAS
M06...STATE 04:ARKANSAS
N06...STATE:04 ARKANSAS         AQCR:016
O06...STATE:04 ARKANSAS         AQCR:016
```

```
A07...STATE:04 ARKANSAS         AQCR:016
B07...STATE:04 ARKANSAS         AQCR:016
C07...STATE:04 ARKANSAS         AQCR:017
D07...STATE:04 ARKANSAS         AQCR:017
E07...STATE:04 ARKANSAS         AQCR:017
F07...STATE:04 ARKANSAS         AQCR:017
G07...STATE:04 ARKANSAS         AQCR:018
H07...STATE:04 ARKANSAS         AQCR:018
I07...STATE:04 ARKANSAS         AQCR:018
J07...STATE:04 ARKANSAS         AQCR:018
K07...STATE:04 ARKANSAS         AQCR:019
L07...STATE:04 ARKANSAS         AQCR:019
M07...STATE:04 ARKANSAS         AQCR:019
N07...STATE:04 ARKANSAS         AQCR:019
O07...STATE:04 ARKANSAS         AQCR:020
A08...STATE:04 ARKANSAS         AQCR:020
B08...STATE:04 ARKANSAS         AQCR:020
C08...STATE:04 ARKANSAS         AQCR:020
D08...STATE:04 ARKANSAS         AQCR:021
E08...STATE:04 ARKANSAS         AQCR:021
F08...STATE:04 ARKANSAS         AQCR:021
G08...STATE:04 ARKANSAS         AQCR:021
H08...STATE:04 ARKANSAS         AQCR:022
I08...STATE:04 ARKANSAS         AQCR:022
J08...STATE:04 ARKANSAS         AQCR:022
K08...STATE:04 ARKANSAS         AQCR:022
L08...STATE 05:CALIFORNIA
M08...STATE 05:CALIFORNIA
N08...STATE 05:CALIFORNIA
O08...STATE 05:CALIFORNIA
A09...STATE 05:CALIFORNIA
B09...STATE:05 CALIFORNIA       AQCR:023
C09...STATE:05 CALIFORNIA       AQCR:023
D09...STATE:05 CALIFORNIA       AQCR:023
E09...STATE:05 CALIFORNIA       AQCR:024
F09...STATE:05 CALIFORNIA       AQCR:024
G09...STATE:05 CALIFORNIA       AQCR:024
H09...STATE:05 CALIFORNIA       AQCR:024
I09...STATE:05 CALIFORNIA       AQCR:024
J09...STATE:05 CALIFORNIA       AQCR:025
K09...STATE:05 CALIFORNIA       AQCR:025
L09...STATE:05 CALIFORNIA       AQCR:025
M09...STATE:05 CALIFORNIA       AQCR:025
N09...STATE:05 CALIFORNIA       AQCR:026
O09...STATE:05 CALIFORNIA       AQCR:026
```

```
FICHE/SEGMT    2    2 CKPT:    0,    0,    0,    0,    0
```

```
*** 001 ***                                                                                          *** 001 ***
          LIGHT DUTY VEHICLES           2339         148        3526        4293       32816
          LIGHT DUTY TRUCKS              698          62        1399        1497        9971
          HEAVY DUTY VEHICLES            182          24         785         717        9846
          OFF HIGHWAY                     22          11         214         769        8242
          TOTAL (GASOLINE)              3241         245        5924        7276       60875

      DIESEL

          HEAVY DUTY VEHICLES            723         413        3716         370        1100
          OFF HIGHWAY                    167         142        1696         250         503
          RAIL                            10          19         129          32          45
          TOTAL (DIESEL)                 900         574        5541         652        1648

    AIRCRAFT

      MILITARY                            98           9          59         175         315
      CIVIL                                0           0           0           3         169
      TOTAL (AIRCRAFT)                    98           9          59         178         484

    VESSELS

      DIESEL FUEL                         69          88         644         169         225
      GASOLINE                             0           7          21         840        2633
      TOTAL (VESSELS)                     69          95         665        1009        2858

    TOTAL (TRANSPORTATION)              4308         923       12189        9115       65865

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    1616          14         380        2281       13309
    FOREST MANAGED BURNING              3114          24         623        2803       17450
    AGRICULTURAL BURNING                 310           0          43         367        2036
    STRUCTURAL FIRES                      61           0          10          43         240
    GASOLINE STA EVAP LOSS                 0           0           0        1189           0
    SOLVENT EVAPORATION LOSS               0           0           0        6527           0
    UNPAVED ROADS                      20417           0           0           0           0
    TOTAL (MISCELLANEOUS)              25518          38        1056       13210       33035

GRAND TOTAL
***********

    AREA SOURCES                       32536        4851       17119       24753      112115

    POINT SOURCES                       5880       34001       10268         812       32629

    TOTAL                              38416       38852       27387       25565      144744
```

```
                                    NATIONAL EMISSIONS DATA SYSTEM
                                   ********************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                  **********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                  AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:01 ALABAMA       AQCR:005 MOBILE-PENSACOLA-PANAMA CITY-S  POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                           PARTICULATES       SOX            NOX             HC              CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL          0              1              0              0              1
            DISTILLATE OIL           0              3              1              0              0
            NATURAL GAS             34              2            274             28             68
            WOOD                   326              6             13             65           2349
            TOTAL (RESIDENTIAL)    360             12            288             93           2418

        ELEC GENERATION (POINT)

            BITUMINOUS COAL       3448          47842          42524            425           1417
            NATURAL GAS            418              2           2026              3             49
            TOTAL (ELEC GEN)      3866          47844          44550            428           1466

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES      1185           6821           1795             54            116
                POINT SOURCES      492           2590              0              0              0
            RESIDUAL OIL
                POINT SOURCES      316          10322           2694             45            225
            DISTILLATE OIL
                AREA SOURCES        33            308            374             21             53
                POINT SOURCES       22            216            236             10             53
            NATURAL GAS
                AREA SOURCES        40              2           4448           1607            586
                POINT SOURCES      237           1722           3018             11            104
            PROCESS GAS
                POINT SOURCES        0             35              0              0              0
            WOOD
                POINT SOURCES     2245           2608           5127           1025           1025
            LIQUID PETROL GAS
                POINT SOURCES        1              0             12              0              2
            TOTAL (INDUSTRIAL)
                AREA SOURCES      1258           7131           6617           1682            755
                POINT SOURCES     3313          17493          11087           1091           1409

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                AREA SOURCES         6             89             68              3             16
            NATURAL GAS
                AREA SOURCES        25              1            302             20             51
            TOTAL (COMM-INST)
                AREA SOURCES        31             90            370             23             67
```

```
*** 003 ***                                                                                                   *** 003 ***
GRAND TOTAL
***********

   AREA SOURCES                        626143          3453          30441          29645          165077

   POINT SOURCES                         8943          7526          42012          32262           13426

   TOTAL                               635086         10979          72453          61907          178503
```

```
*** 004 ***                                                                            *** 004 ***
            DIESEL                             3         4        60         4        13
            TOTAL (ELEC GEN)                  96        92      1378       109       300

        TOTAL (INTERNAL COMB)                 96        92      1378       109       300

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 148       349      1041        37       680
                POINT SOURCES                606      2174      3053       398       643

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                           3         0         0         0         0
    WOOD PRODUCTS                            308        10       159         0      4904
    PETROLEUM STORAGE/TRANSPORT                0         0         0       520         0
    TOTAL (INDUSTRIAL)                       311        10       159       520      4904

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 105         1         2       294       880
        OPEN BURNING                          33         0         6        43       143
        TOTAL (RESIDENTIAL)                  138         1         8       337      1023

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                  7         0         1         3         5
        TOTAL (COMM-INST)
                POINT SOURCES                  7         0         1         3         5

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                 42         0        63        20       111
        OPEN BURNING
                AREA SOURCES                   7         0         2        10        40
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   7         0         2        10        40
                POINT SOURCES                 42         0        63        20       111

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 145         1        10       347      1063
                POINT SOURCES                 49         0        64        23       116

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              491        23       621       817      7091
            LIGHT DUTY TRUCKS                271        19       475       577      4428
            HEAVY DUTY VEHICLES               26         2       105       118      1578
            OFF HIGHWAY                        1         0        21        77       822
            TOTAL (GASOLINE)                 789        44      1222      1589     13919

        DIESEL

            HEAVY DUTY VEHICLES               25        12       134        16        44
            OFF HIGHWAY                       42        35       416        62       123
            RAIL                               3         9        58        13        21
```

```
*** 006 ***                                                                                              *** 006 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES           2153          8836          16868          5331          10021
                POINT SOURCES          7195         10549          14220           687           1094

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            DIESEL FUEL                   0             0              1             0             51
            TOTAL (INDUSTRIAL)            0             0              1             0             51

        TOTAL (INTERNAL COMB)             0             0              1             0             51

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           2153          8836          16868          5331          10021
                POINT SOURCES          7195         10549          14221           687           1145

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                6           286              0           154              0
    FOOD/AGRICULTURAL                  2901             0              0             0              0
    PRIMARY METAL                      1197          7780              0             8          89539
    SECONDARY METALS                      4             0              0             0              0
    MINERAL PRODUCTS                   1206             0              0             0              0
    WOOD PRODUCTS                       745          1204            717             0          21056
    ORGANIC SOLVENT EVAPORATION           0             0              0           251              0
    PETROLEUM STORAGE/TRANSPORT           0             0              0            37              0
    TOTAL (INDUSTRIAL)                 6059          9270            717           450         110595

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            226             1              5           634           1902
        OPEN BURNING                   1681            63            430          2268           7190
        TOTAL (RESIDENTIAL)            1907            64            435          2902           9092

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             49            12             24            29             70
        OPEN BURNING
                AREA SOURCES              1             0              0             2              4
        TOTAL (COMM-INST)
                AREA SOURCES             50            12             24            31             74

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             36             5              5            33             51
                POINT SOURCES            18             1              3            25            259
        OPEN BURNING
                AREA SOURCES             10             0              3            15             55
        TOTAL (INDUSTRIAL)
                AREA SOURCES             46             5              8            48            106
                POINT SOURCES            18             1              3            25            259

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           2003            81            467          2981           9272
                POINT SOURCES            18             1              3            25            259

TRANSPORTATION (AREA)
*********************
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:04 ARKANSAS         AQCR:020 NORTHEAST ARKANSAS                        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES         SOX              NOX              HC               CO
                                   ************     ************     ************     ************     ************
                                    TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                  7               89               55                1               14
            NATURAL GAS                    67                2              552               56              138
            WOOD                         1922               38               78              387            13815
            TOTAL (RESIDENTIAL)          1996              129              685              444            13967

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 1277            15617             9685               93              462
            NATURAL GAS                    53                3             3612                5               88
            TOTAL (ELEC GEN)             1330            15620            13297               98              550

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              260             2762              485               15               31
                POINT SOURCES              13              378              720               12               40
            RESIDUAL OIL
                AREA SOURCES               20              301               76                1                5
                POINT SOURCES              21              319              381                6               32
            NATURAL GAS
                AREA SOURCES               34                0             4419             1645              589
                POINT SOURCES               0                0                3                0                0
            WOOD
                POINT SOURCES             326               13               87               17               17
            TOTAL (INDUSTRIAL)
                AREA SOURCES              314             3063             4980             1661              625
                POINT SOURCES             360              710             1191               35               89

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                1                4                1                0                0
            RESIDUAL OIL
                AREA SOURCES               45              599              151                0               11
            DISTILLATE OIL
                AREA SOURCES                0               22               14                0                1
            NATURAL GAS
                AREA SOURCES               32                0              362               25               61
            TOTAL (COMM-INST)
                AREA SOURCES               78              625              528               25               73

        TOTAL (EXTERNAL COMB)
```

AIRCRAFT					
MILITARY	8693	816	5228	15465	27849
CIVIL	60	31	88	1355	62108
COMMERCIAL	361	797	7435	8318	18548
TOTAL (AIRCRAFT)	9114	1644	12751	25138	108505
VESSELS					
DIESEL FUEL	934	1166	8702	2284	3047
RESIDUAL OIL	3013	39710	6524	454	219
GASOLINE	0	198	741	29995	94243
TOTAL (VESSELS)	3947	41074	15967	32733	97509
TOTAL (TRANSPORTATION)	767340	97211	813167	1021379	8404325
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	27529	244	6479	38865	226719
FOREST MANAGED BURNING	29908	223	5984	26915	167467
AGRICULTURAL BURNING	12458	0	1741	14725	81905
STRUCTURAL FIRES	5725	13	679	4285	23296
GASOLINE STA EVAP LOSS	0	0	0	111361	0
SOLVENT EVAPORATION LOSS	0	0	0	678227	0
UNPAVED ROADS	462753	0	0	0	0
UNPAVED AIRSTRIPS	1582	0	0	0	0
TOTAL (MISCELLANEOUS)	539955	480	14883	874378	499387
GRAND TOTAL ***********					
AREA SOURCES	1353839	105705	959545	2013623	9212195
POINT SOURCES	161853	460579	429563	516196	323839
TOTAL	1515692	566284	1389108	2529819	9536034

```
*** 009 ***                                                                                      *** 009 ***
                AREA SOURCES          2281          280         1178          694        16023
                POINT SOURCES         4264         3153         4308         1692         4154

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                 17           16          235           19           51
         TOTAL (ELEC GEN)               17           16          235           19           51

      INDUSTRIAL FUEL

         DISTILLATE OIL                  2           31           30            2            7
         TOTAL (INDUSTRIAL)              2           31           30            2            7

      TOTAL (INTERNAL COMB)             19           47          265           21           58

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES          2281          280         1178          694        16023
                POINT SOURCES         4283         3200         4573         1713         4212

INDUSTRIAL PROCESS (POINT)
**************************

   MINERAL PRODUCTS                    148            0            0            9            2
   WOOD PRODUCTS                      3009         1288          576          865         3381
   ORGANIC SOLVENT EVAPORATION           0            0            0            1            0
   PETROLEUM STORAGE/TRANSPORT           0            0            0         1139            0
   TOTAL (INDUSTRIAL)                 3157         1288          576         2014         3383

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION             7            6            5            4           82
      OPEN BURNING                      27            1           10           55          144
      TOTAL (GOVERNMENT)                34            7           15           59          226

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             272            4            9          766         2293
      OPEN BURNING                      98            4           26          131          419
      TOTAL (RESIDENTIAL)              370            8           35          897         2712

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES             0            0            0            0            2
                POINT SOURCES            9            0            1           12          132
      TOTAL (COMM-INST)
                AREA SOURCES             0            0            0            0            2
                POINT SOURCES            9            0            1           12          132

   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES             3            0            0            3            4
                POINT SOURCES         1558           12          329         1727        18354
      OPEN BURNING
                AREA SOURCES             2            0            0            2           10
                POINT SOURCES          925           47          100         1844         5992
      TOTAL (INDUSTRIAL)
                AREA SOURCES             5            0            0            5           14
                POINT SOURCES         2483           59          429         3571        24346
```

```
*** 011 ***                                                                                  *** 011 ***
        TOTAL  (EXTERNAL COMB)
                AREA SOURCES                  25          15          183           43          112
                POINT SOURCES                455        6607        12311          215          624

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     0           1            5            2            3
            TOTAL  (ELEC GEN)                  0           1            5            2            3

        INDUSTRIAL FUEL

            DISTILLATE OIL                     3          13          449            3           11
            TOTAL  (INDUSTRIAL)                3          13          449            3           11

        COMM-INSTITUTIONAL

            TOTAL  (COMM-INST)                 0           0            7            3            1

        TOTAL  (INTERNAL COMB)                 3          14          461            8           15

    TOTAL  (FUEL COMBUSTION)

                AREA SOURCES                  25          15          183           43          112
                POINT SOURCES                458        6621        12772          223          639

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               581         243          400         7931       103848
    FOOD/AGRICULTURAL                   1454           0           55            2            1
    PRIMARY METAL                        570       15919         2611            2            1
    SECONDARY METALS                      12           0            0            0            0
    MINERAL PRODUCTS                    5119        3787         7084            7         1260
    PETROLEUM INDUSTRY                     5           0           66            2            9
    ORGANIC SOLVENT EVAPORATION            0           0            0          250            0
    PETROLEUM STORAGE/TRANSPORT            0           0            1          680            0
    METAL FABRICATION                      3           0            0            0            0
    OTHER/NOT CLASSIFIED                  12         443            0            0            0
    TOTAL  (INDUSTRIAL)                 7756       20392        10217         8874       105119

SOLID WASTE DISPOSAL
********************

    GOVERNMENT  (POINT)

        MUNICIPAL INCINERATION             1           0            0            0            1
        OPEN BURNING                     475          30          178          924         2525
        TOTAL  (GOVERNMENT)              476          30          178          924         2526

    RESIDENTIAL  (AREA)

        ON SITE INCINERATION              89           1            3          252          755
        OPEN BURNING                      31           1            8           42          133
        TOTAL  (RESIDENTIAL)             120           2           11          294          888

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               0           0            0            0            1
                POINT SOURCES              0           0            0            0            1
        TOTAL  (COMM-INST)
                AREA SOURCES               0           0            0            0            1
                POINT SOURCES              0           0            0            0            1
```

HEAVY DUTY VEHICLES	189	100	1010	227	515
OFF HIGHWAY	169	140	1705	251	505
RAIL	28	62	394	100	138
TOTAL (DIESEL)	386	302	3109	578	1158
AIRCRAFT					
CIVIL	1	1	1	33	1482
TOTAL (AIRCRAFT)	1	1	1	33	1482
VESSELS					
GASOLINE	0	4	14	573	1799
TOTAL (VESSELS)	0	4	14	573	1799
TOTAL (TRANSPORTATION)	1971	433	5458	6729	65948
MISCELLANEOUS (AREA) ********************					
STRUCTURAL FIRES	22	0	1	16	85
GASOLINE STA EVAP LOSS	0	0	0	785	0
SOLVENT EVAPORATION LOSS	0	0	0	961	0
UNPAVED ROADS	171567	0	0	0	0
UNPAVED AIRSTRIPS	136	0	0	0	0
TOTAL (MISCELLANEOUS)	171725	0	1	1762	85
GRAND TOTAL ***********					
AREA SOURCES	173904	557	6525	9174	67339
POINT SOURCES	545	139	2719	1934	643
TOTAL	174449	696	9244	11108	67982

```
                                      NATIONAL EMISSIONS DATA SYSTEM
                                     ***********************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                     ************************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
******************************                                       AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:06 COLORADO        AQCR:038 SAN ISABEL                        POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                          PARTICULATES        SOX            NOX            HC             CO
                          ************   ************   ************   ************   ************
                           TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             11             21              0             11             51
         DISTILLATE OIL               4             71             28              1              7
         NATURAL GAS                 83              4            669             67            167
         WOOD                        50              0              2             10            360
         TOTAL (RESIDENTIAL)        148             96            699             89            585

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           2783          26246          34426            625           1993
         DISTILLATE OIL               1             17             11              0              2
         NATURAL GAS                 43              3           3978             22             85
         OTHER                        3              1              4              1              1
         TOTAL (ELEC GEN)          2830          26267          38419            648           2081

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             2              4              1              1              2
         RESIDUAL OIL
            AREA SOURCES             19            243             69              1              6
            POINT SOURCES             3              6              2              0              1
         DISTILLATE OIL
            AREA SOURCES              4             57             46              2              7
            POINT SOURCES             0              2              1              0              0
         NATURAL GAS
            AREA SOURCES             31              2           3265           1171            427
            POINT SOURCES            47              1            574             11             59
         COKE
            POINT SOURCES             1            170             58              0              6
         OTHER
            POINT SOURCES             0              1              2              0              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES             54            302           3380           1174            440
            POINT SOURCES            53            184            638             12             69

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES          1668           1144            268              6             16
         RESIDUAL OIL
            AREA SOURCES             47            569            165              3             14
         DISTILLATE OIL
            AREA SOURCES              0              7              4              0              1
```

```
*** 014 ***                                                                                                   *** 014 ***
    GASOLINE STA EVAP LOSS                 0              0              0          12934              0
    SOLVENT EVAPORATION LOSS               0              0              0         147560              0
    UNPAVED ROADS                       1580              0              0              0              0
    UNPAVED AIRSTRIPS                      2              0              0              0              0
    TOTAL (MISCELLANEOUS)               2646              4            151         161420           5141

GRAND TOTAL
***********

    AREA SOURCES                       89072          23362         120484         291265        1117129

    POINT SOURCES                      18765          55224          52048          68247          20305

    TOTAL                             107837          78586         172532         359512        1137434
```

```
*** 015 ***                                                                                                              *** 015 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                                                AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:07 CONNECTICUT      AQCR:044 NORTHWESTERN CONNECTICUT                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                  PARTICULATES         SOX              NOX              HC               CO
                                  ************    ************     ************     ************     ************
                                   TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                2                6                1                1               21
            DISTILLATE OIL                60              690              431               24              120
            NATURAL GAS                   11                1               88                9               22
            TOTAL (RESIDENTIAL)           73              697              520               34              163

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               7               44               12                0                1
            RESIDUAL OIL
                AREA SOURCES              62              112              212                6               18
                POINT SOURCES              2               24               18                0                2
            DISTILLATE OIL
                AREA SOURCES               6               55               66                4                9
            NATURAL GAS
                AREA SOURCES               5                0               98                3                9
            TOTAL (INDUSTRIAL)
                AREA SOURCES              80              211              388               11               37
                POINT SOURCES              2               24               18                0                2

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                AREA SOURCES               5               68               52                2               12
            NATURAL GAS
                AREA SOURCES               3                0               31                2                5
            TOTAL (COMM-INST)
                AREA SOURCES               8               68               83                4               17

        TOTAL (EXTERNAL COMB)
                AREA SOURCES             161              976              991               49              217
                POINT SOURCES              2               24               18                0                2

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             161              976              991               49              217
                POINT SOURCES              2               24               18                0                2

INDUSTRIAL PROCESS (POINT)
**************************

    SECONDARY METALS                       7                0                1                0             1157
    MINERAL PRODUCTS                      19                0                0                0                0
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
*****************************                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 09:DIST. COLUMBIA                                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES       SOX            NOX            HC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL          21             57              6              5            193
            DISTILLATE OIL           48            556            348             19             97
            NATURAL GAS              78              5            622             62            156
            TOTAL (RESIDENTIAL)     147            618            976             86            446

        ELEC GENERATION (POINT)

            RESIDUAL OIL             22           1813            789             11             57
            DISTILLATE OIL          267           4735           3037             39            194
            TOTAL (ELEC GEN)        289           6548           3826             50            251

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES      2209           4798           2309            154            308
            RESIDUAL OIL
                POINT SOURCES        55           1221            485              8             40
            DISTILLATE OIL
                AREA SOURCES         12            115            139              8             20
                POINT SOURCES         2             38             16              1              4
            NATURAL GAS
                AREA SOURCES         56              3           1013             17             96
                POINT SOURCES         2              0            132              0              3
            OTHER
                POINT SOURCES         9            325            192              1              4
            TOTAL (INDUSTRIAL)
                AREA SOURCES         68            118           1152             25            116
                POINT SOURCES      2277           6382           3134            164            359

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                POINT SOURCES       206           5179           1995             32            166
            DISTILLATE OIL
                POINT SOURCES       120           2039           1272             53            265
            NATURAL GAS
                AREA SOURCES         40              2            477             32             80
                POINT SOURCES         3              0             50              1              5
            OTHER
                POINT SOURCES         3             44             33              0              5
            TOTAL (COMM-INST)
                AREA SOURCES         40              2            477             32             80
                POINT SOURCES       332           7262           3350             86            441
```

```
*** 017 ***                                                                                          *** 017 ***
        TOTAL  (INDUSTRIAL)
                AREA SOURCES                 6             1             1             5             6
                POINT SOURCES               99            16            13            99           131

    TOTAL  (SOLID WASTE DISP)
                AREA SOURCES                25             1             1            59           171
                POINT SOURCES              990            50            75           121           533

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          11707           464         10628         15438        132370
            LIGHT DUTY TRUCKS             2556           149          3265          4194         31114
            HEAVY DUTY VEHICLES            594            51          1609          2077         28666
            OFF HIGHWAY                     38            21           367          1321         14184
            TOTAL  (GASOLINE)            14895           685         15869         23030        206334

        DIESEL

            HEAVY DUTY VEHICLES            866           384          3477           473          1423
            OFF HIGHWAY                    105            88          1075           158           317
            RAIL                            40            88           576           146           202
            TOTAL  (DIESEL)               1011           560          5128           777          1942

    AIRCRAFT

        MILITARY                          7229           680          4348         12864         23165
        CIVIL                                1             0             2            30          1345
        COMMERCIAL                           4             9            84            93           209
        TOTAL  (AIRCRAFT)                 7234           689          4434         12987         24719

    VESSELS

        DIESEL FUEL                         81           103           760           200           266
        RESIDUAL OIL                        95          1246           206            14             7
        GASOLINE                             0            27           100          4063         12761
        TOTAL  (VESSELS)                   176          1376          1066          4277         13034

    TOTAL  (TRANSPORTATION)              23316          3310         26497         41071        246029

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       494             3           118           697          4064
    FOREST MANAGED BURNING                3818            28           764          3435         21380
    STRUCTURAL FIRES                       143             0            16           105           580
    GASOLINE STA EVAP LOSS                   0             0             0          3133             0
    SOLVENT EVAPORATION LOSS                 0             0             0         11478             0
    UNPAVED ROADS                        59724             0             0             0             0
    TOTAL  (MISCELLANEOUS)               64179            31           898         18848         26024

GRAND TOTAL
***********

    AREA SOURCES                         88129          5346         29397         60443        274386

    POINT SOURCES                        18761        190810         65709          9348         42462

    TOTAL                               106890        196156         95106         69791        316848
```

```
A10...STATE:05 CALIFORNIA        AQCR:026
B10...STATE:05 CALIFORNIA        AQCR:026
C10...STATE:05 CALIFORNIA        AQCR:027
D10...STATE:05 CALIFORNIA        AQCR:027
E10...STATE:05 CALIFORNIA        AQCR:027
F10...STATE:05 CALIFORNIA        AQCR:027
G10...STATE:05 CALIFORNIA        AQCR:028
H10...STATE:05 CALIFORNIA        AQCR:028
I10...STATE:05 CALIFORNIA        AQCR:028
J10...STATE:05 CALIFORNIA        AQCR:028
K10...STATE:05 CALIFORNIA        AQCR:029
L10...STATE:05 CALIFORNIA        AQCR:029
M10...STATE:05 CALIFORNIA        AQCR:029
N10...STATE:05 CALIFORNIA        AQCR:029
O10...STATE:05 CALIFORNIA        AQCR:029
A11...STATE:05 CALIFORNIA        AQCR:030
B11...STATE:05 CALIFORNIA        AQCR:030
C11...STATE:05 CALIFORNIA        AQCR:030
D11...STATE:05 CALIFORNIA        AQCR:030
E11...STATE:05 CALIFORNIA        AQCR:030
F11...STATE:05 CALIFORNIA        AQCR:031
G11...STATE:05 CALIFORNIA        AQCR:031
H11...STATE:05 CALIFORNIA        AQCR:031
I11...STATE:05 CALIFORNIA        AQCR:031
J11...STATE:05 CALIFORNIA        AQCR:032
K11...STATE:05 CALIFORNIA        AQCR:032
L11...STATE:05 CALIFORNIA        AQCR:032
M11...STATE:05 CALIFORNIA        AQCR:032
N11...STATE:05 CALIFORNIA        AQCR:033
O11...STATE:05 CALIFORNIA        AQCR:033
A12...STATE:05 CALIFORNIA        AQCR:033
B12...STATE:05 CALIFORNIA        AQCR:033
C12...STATE:05 CALIFORNIA        AQCR:033
D12...STATE 06:COLORADO
E12...STATE 06:COLORADO
F12...STATE 06:COLORADO
G12...STATE 06:COLORADO
H12...STATE 06:COLORADO
I12...STATE:06 COLORADO          AQCR:014
J12...STATE:06 COLORADO          AQCR:014
K12...STATE:06 COLORADO          AQCR:014
L12...STATE:06 COLORADO          AQCR:014
M12...STATE:06 COLORADO          AQCR:034
N12...STATE:06 COLORADO          AQCR:034
O12...STATE:06 COLORADO          AQCR:034

A13...STATE:06 COLORADO          AQCR:034
B13...STATE:06 COLORADO          AQCR:035
C13...STATE:06 COLORADO          AQCR:035
D13...STATE:06 COLORADO          AQCR:035
E13...STATE:06 COLORADO          AQCR:035
F13...STATE:06 COLORADO          AQCR:036
G13...STATE:06 COLORADO          AQCR:036
H13...STATE:06 COLORADO          AQCR:036
I13...STATE:06 COLORADO          AQCR:036
J13...STATE:06 COLORADO          AQCR:036
K13...STATE:06 COLORADO          AQCR:037
L13...STATE:06 COLORADO          AQCR:037
M13...STATE:06 COLORADO          AQCR:037
N13...STATE:06 COLORADO          AQCR:037
O13...STATE:06 COLORADO          AQCR:038
A14...STATE:06 COLORADO          AQCR:038
B14...STATE:06 COLORADO          AQCR:038
C14...STATE:06 COLORADO          AQCR:038
D14...STATE:06 COLORADO          AQCR:039
E14...STATE:06 COLORADO          AQCR:039
F14...STATE:06 COLORADO          AQCR:039
G14...STATE:06 COLORADO          AQCR:039
H14...STATE:06 COLORADO          AQCR:040
I14...STATE:06 COLORADO          AQCR:040
J14...STATE:06 COLORADO          AQCR:040
K14...STATE:06 COLORADO          AQCR:040
L14...STATE 07:CONNECTICUT
M14...STATE 07:CONNECTICUT
N14...STATE 07:CONNECTICUT
O14...STATE 07:CONNECTICUT
A15...STATE 07:CONNECTICUT
B15...STATE:07 CONNECTICUT       AQCR:041
C15...STATE:07 CONNECTICUT       AQCR:041
D15...STATE:07 CONNECTICUT       AQCR:041
E15...STATE:07 CONNECTICUT       AQCR:041
F15...STATE:07 CONNECTICUT       AQCR:042
G15...STATE:07 CONNECTICUT       AQCR:042
H15...STATE:07 CONNECTICUT       AQCR:042
I15...STATE:07 CONNECTICUT       AQCR:042
J15...STATE:07 CONNECTICUT       AQCR:042
K15...STATE:07 CONNECTICUT       AQCR:043
L15...STATE:07 CONNECTICUT       AQCR:043
M15...STATE:07 CONNECTICUT       AQCR:043
N15...STATE:07 CONNECTICUT       AQCR:043
O15...STATE:07 CONNECTICUT       AQCR:044

A16...STATE:07 CONNECTICUT       AQCR:044
B16...STATE:07 CONNECTICUT       AQCR:044
C16...STATE 08:DELAWARE
D16...STATE 08:DELAWARE
E16...STATE 08:DELAWARE
F16...STATE 08:DELAWARE
G16...STATE:08 DELAWARE          AQCR:045
H16...STATE:08 DELAWARE          AQCR:045
I16...STATE:08 DELAWARE          AQCR:045
J16...STATE:08 DELAWARE          AQCR:045
K16...STATE:08 DELAWARE          AQCR:046
L16...STATE:08 DELAWARE          AQCR:046
M16...STATE:08 DELAWARE          AQCR:046
N16...STATE:08 DELAWARE          AQCR:046
O16...STATE 09:DIST. COLUMBIA
A17...STATE 09:DIST. COLUMBIA
B17...STATE 09:DIST. COLUMBIA
C17...STATE 09:DIST. COLUMBIA
D17...STATE:09 DIST. COLUMBIA    AQCR:047
E17...STATE:09 DIST. COLUMBIA    AQCR:047
F17...STATE:09 DIST. COLUMBIA    AQCR:047
G17...STATE:09 DIST. COLUMBIA    AQCR:047
H17...STATE 10:FLORIDA
I17...STATE 10:FLORIDA
J17...STATE 10:FLORIDA
K17...STATE 10:FLORIDA
L17...STATE 10:FLORIDA
M17...STATE:10 FLORIDA           AQCR:005
N17...STATE:10 FLORIDA           AQCR:005
O17...STATE:10 FLORIDA           AQCR:005
A18...STATE:10 FLORIDA           AQCR:005
B18...STATE:10 FLORIDA           AQCR:048
C18...STATE:10 FLORIDA           AQCR:048
D18...STATE:10 FLORIDA           AQCR:048
E18...STATE:10 FLORIDA           AQCR:048
F18...STATE:10 FLORIDA           AQCR:049
G18...STATE:10 FLORIDA           AQCR:049
H18...STATE:10 FLORIDA           AQCR:049
I18...STATE:10 FLORIDA           AQCR:049
J18...STATE:10 FLORIDA           AQCR:050
K18...STATE:10 FLORIDA           AQCR:050
L18...STATE:10 FLORIDA           AQCR:050
M18...STATE:10 FLORIDA           AQCR:050
```

0003 PB82-106527 1979 NAT'L EMISSIONS REPORT NAT'L EMISSIONS DATA SYSTEM
EPA-450/4-81-029 STATE:10 FLORIDA AQCR:051

```
                AREA SOURCES                16          39         160           9          27
                POINT SOURCES               25          33         265          15          43

          TOTAL (EXTERNAL COMB)
                AREA SOURCES               389         149        1000         203        2472
                POINT SOURCES              128          81         443          44          76

     TOTAL (FUEL COMBUSTION)

                AREA SOURCES               389         149        1000         203        2472
                POINT SOURCES              128          81         443          44          76

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                 93           0           0           0           0
     PRIMARY METAL                         643          56          18           2           2
     SECONDARY METALS                       14         340           0           0           0
     MINERAL PRODUCTS                        4          29           5           1           1
     WOOD PRODUCTS                         214          16         105          21          21
     PETROLEUM STORAGE/TRANSPORT             0           0           0         260           0
     TOTAL (INDUSTRIAL)                    968         441         128         284          24

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

          OPEN BURNING                     414          16         105         558        1764
          TOTAL (RESIDENTIAL)              414          16         105         558        1764

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                AREA SOURCES                 6           2           3           4           9
          OPEN BURNING
                AREA SOURCES                 2           0           1           3           9
          TOTAL (COMM-INST)
                AREA SOURCES                 8           2           4           7          18

     INDUSTRIAL

          OPEN BURNING
                AREA SOURCES                38           1          13          65         229
          TOTAL (INDUSTRIAL)
                AREA SOURCES                38           1          13          65         229

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES               460          19         122         630        2011

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES        5139         190        4469        6733       59410
               LIGHT DUTY TRUCKS           878          54        1167        1498       11203
               HEAVY DUTY VEHICLES         294          26         886        1088       14807
               OFF HIGHWAY                  21          10         194         700        7503
               TOTAL (GASOLINE)           6332         280        6716       10019       92923

          DIESEL

               HEAVY DUTY VEHICLES         714         322        3002         392        1157
```

```
*** A03 ***                                                                                              *** A03 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************
                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************
STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY     JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:11 GEORGIA        AQCR:055 CHATTANOOGA                     POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES          SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0             40             23              0              7
         NATURAL GAS                  56              1            439             45            111
         WOOD                        439              9             19             90           3141
         TOTAL (RESIDENTIAL)         495             50            481            135           3259

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           14180         347297          38510            646           2144
         DISTILLATE OIL                0           1373             47              1              7
         TOTAL (ELEC GEN)          14180         348670          38557            647           2151

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            846           3603           1613             66            149
         RESIDUAL OIL
            POINT SOURCES           3058           4903           8019            136            666
         DISTILLATE OIL
            AREA SOURCES              28            267            326             16             45
         NATURAL GAS
            AREA SOURCES              41              0           1345            275            154
            POINT SOURCES             29              2           1386             14             69
         TOTAL (INDUSTRIAL)
            AREA SOURCES              69            267           1671            291            199
            POINT SOURCES           3933           8508          11018            216            884

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            POINT SOURCES              0              1              1              0              0
         BITUMINOUS COAL
            AREA SOURCES              10             17              7              0              0
         DISTILLATE OIL
            AREA SOURCES               2             41             34              0              6
         NATURAL GAS
            AREA SOURCES              13              0            174             12             30
            POINT SOURCES            115              0              3              0              0
         WOOD
            POINT SOURCES              1              5             31              6              6
         TOTAL (COMM-INST)
            AREA SOURCES              25             58            215             12             36
            POINT SOURCES            116              6             35              6              6
```

```
*** A05 ***                                                                                         *** A05 ***
        OFF HIGHWAY                   1090          909         10970          1613          3247
        RAIL                           431          972          6329          1606          2227
        TOTAL (DIESEL)                4363         3242         30751          5635         11490

   AIRCRAFT

      MILITARY                         320           30           191           568          1021
      CIVIL                              2            0             3           119          5507
      COMMERCIAL                        21           43           401           449           999
      TOTAL (AIRCRAFT)                 343           73           595          1136          7527

   VESSELS

      GASOLINE                           0           16            70          2866          9013
      TOTAL (VESSELS)                    0           16            70          2866          9013

   TOTAL (TRANSPORTATION)            23687         4461         56053         54831        475387

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                  13553          126          3188         19132        111608
   FOREST MANAGED BURNING            48413          364          9684         43568        271100
   AGRICULTURAL BURNING                145            0            20           171           956
   STRUCTURAL FIRES                    209            0            20           152           830
   GASOLINE STA EVAP LOSS                0            0             0          4973             0
   SOLVENT EVAPORATION LOSS              0            0             0         22281             0
   UNPAVED ROADS                    171697            0             0             0             0
   UNPAVED AIRSTRIPS                   402            0             0             0             0
   TOTAL (MISCELLANEOUS)            234419          490         12912         90277        384494

GRAND TOTAL
***********

   AREA SOURCES                     263371        11239         79774        152772        887530

   POINT SOURCES                     16350        38894         19358          5947         42959

   TOTAL                            279721        50133         99132        158719        930489
```

```
*** A06 ***                                                                                          *** A06 ***
    FOOD/AGRICULTURAL                      675          0          0          0          0
    MINERAL PRODUCTS                       148          1          0          0          0
    ORGANIC SOLVENT EVAPORATION              0          0          0         20          0
    PETROLEUM STORAGE/TRANSPORT              0          0          0        319          0
    TOTAL (INDUSTRIAL)                     823          1          0        339          0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               207          3          6        585       1754
        OPEN BURNING                       330         12         84        445       1412
        TOTAL (RESIDENTIAL)                537         15         90       1030       3166

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 1          0          1          1          2
        TOTAL (COMM-INST)
                AREA SOURCES                 1          0          1          1          2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               538         15         91       1031       3168

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           3885        152       3768       6027      52036
            LIGHT DUTY TRUCKS             1566         86       1990       2818      22034
            HEAVY DUTY VEHICLES            254         22        726        937      12865
            OFF HIGHWAY                     24         13        235        849       9096
            TOTAL (GASOLINE)              5729        273       6719      10631      96031

        DIESEL

            HEAVY DUTY VEHICLES            820        363       3596        493       1394
            OFF HIGHWAY                    219        183       2217        326        656
            RAIL                           116        265       1721        437        605
            TOTAL (DIESEL)                1155        811       7534       1256       2655

    AIRCRAFT

        MILITARY                            84          8         50        149        268
        CIVIL                                2          0          2         29       1329
        COMMERCIAL                          10         21        199        223        496
        TOTAL (AIRCRAFT)                    96         29        251        401       2093

    VESSELS

        GASOLINE                             0          1          3        129        404
        TOTAL (VESSELS)                      0          1          3        129        404

    TOTAL (TRANSPORTATION)                6980       1114      14507      12417     101183

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       265          3         62        374       2184
    STRUCTURAL FIRES                        50          0          6         37        202
    GASOLINE STA EVAP LOSS                   0          0          0       1144          0
    SOLVENT EVAPORATION LOSS                 0          0          0       7031          0
```

```
*** A08 ***                                                                                          *** A08 ***
         TOTAL (INDUSTRIAL)
                   POINT SOURCES               2                3                4                4               13

    TOTAL (SOLID WASTE DISP)
                   AREA SOURCES             1758               46              252             3668            11203
                   POINT SOURCES             368              610              124              133              421

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

         GASOLINE

              LIGHT DUTY VEHICLES          14407              524            12656            19329           176085
              LIGHT DUTY TRUCKS             2809              148             3373             4669            37274
              HEAVY DUTY VEHICLES            630               55             1829             2327            31711
              OFF HIGHWAY                     66               34              648             2330            24980
              TOTAL (GASOLINE)             17912              761            18506            28655           270050

         DIESEL

              HEAVY DUTY VEHICLES           1355              574             5701              806             2266
              OFF HIGHWAY                    174              146             1747              256              518
              RAIL                           206              468             3040              771             1069
              TOTAL (DIESEL)                1735             1188            10488             1833             3853

    AIRCRAFT

         MILITARY                            240               22              144              427              768
         CIVIL                                 2                0                2               34             1507
         COMMERCIAL                            0                0                5                6               13
         TOTAL (AIRCRAFT)                    242               22              151              467             2288

    VESSELS

         DIESEL FUEL                           9               12               90               24               32
         GASOLINE                              0                6               24              958             3008
         TOTAL (VESSELS)                       9               18              114              982             3040

    TOTAL (TRANSPORTATION)                 19898             1989            29259            31937           279231

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          11                0                0               14               82
    STRUCTURAL FIRES                         185                0               22              139              754
    GASOLINE STA EVAP LOSS                     0                0                0             2536                0
    SOLVENT EVAPORATION LOSS                   0                0                0            13469                0
    UNPAVED ROADS                          29127                0                0                0                0
    TOTAL (MISCELLANEOUS)                  29323                0               22            16158              836

GRAND TOTAL
***********

    AREA SOURCES                           51893             6560            32992            52070           291877

    POINT SOURCES                          28712           352144           166282            22357           173146

    TOTAL                                  80605           358704           199274            74427           465023
```

```
*** A09 ***                                                                                *** A09 ***
        TOTAL (COMM-INST)
            AREA SOURCES                   90          612          515           21           73
            POINT SOURCES                 731         2941          448           50          163

     TOTAL (EXTERNAL COMB)
            AREA SOURCES                  445         1862         2374          247          532
            POINT SOURCES               11526       163395        35132          545         1817

   INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL                     50           61          737           71          177
        NATURAL GAS                         0            0           22            2            6
        TOTAL (ELEC GEN)                   50           61          759           73          183

     INDUSTRIAL FUEL

        NATURAL GAS                         4            0         1554          617          203
        TOTAL (INDUSTRIAL)                  4            0         1554          617          203

     TOTAL (INTERNAL COMB)                 54           61         2313          690          386

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                  445         1862         2374          247          532
            POINT SOURCES               11580       163456        37445         1235         2203

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  19            0            0           36            0
   FOOD/AGRICULTURAL                     1055            0            0            0            0
   PRIMARY METAL                           20           42            0            0            0
   SECONDARY METALS                       126            4            2            0           78
   MINERAL PRODUCTS                      2214         2053          861          471           15
   PETROLEUM INDUSTRY                    1003        15943         5951          732          280
   WOOD PRODUCTS                            2            0            0            0            0
   ORGANIC SOLVENT EVAPORATION            118            0          313        12416           38
   PETROLEUM STORAGE/TRANSPORT            136            0            0         7077            0
   OTHER/NOT CLASSIFIED                   218            0            1           18            0
   TOTAL (INDUSTRIAL)                    4911        18042         7128        20750          411

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                621            7           20         1743         5226
      OPEN BURNING                       1174           44          298         1582         5023
      TOTAL (RESIDENTIAL)                1795           51          318         3325        10249

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES                  15            5            6            6           22
      TOTAL (INDUSTRIAL)
            POINT SOURCES                  15            5            6            6           22

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                 1795           51          318         3325        10249
            POINT SOURCES                  15            5            6            6           22

TRANSPORTATION (AREA)
*********************
```

*** A10 ***

AREA SOURCES	27890	9028	32105	44442	231756
POINT SOURCES	56864	178034	108010	45431	284908
TOTAL	84754	187062	140115	89873	516664

```
*** A11 ***                                                                                  *** A11 ***
          TOTAL  (EXTERNAL COMB)
                    AREA SOURCES           56          293          156            9          110
                    POINT SOURCES         367        60229        39046          323         1087

     INTERNAL COMBUSTION (POINT)

          INDUSTRIAL FUEL

               NATURAL GAS                  2            0          540          222           68
               TOTAL  (INDUSTRIAL)          2            0          540          222           68

          TOTAL  (INTERNAL COMB)            2            0          540          222           68

     TOTAL  (FUEL COMBUSTION)

                    AREA SOURCES           56          293          156            9          110
                    POINT SOURCES         369        60229        39586          545         1155

INDUSTRIAL PROCESS (POINT)
**************************

     FOOD/AGRICULTURAL                      5            0            0         4125            0
     MINERAL PRODUCTS                     102          350          638           21           21
     ORGANIC SOLVENT EVAPORATION            2            0            0          274            0
     TOTAL  (INDUSTRIAL)                  109          350          638         4420           21

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL  (AREA)

          ON SITE INCINERATION             27            0            1           77          231
          OPEN BURNING                     55            2           14           74          234
          TOTAL  (RESIDENTIAL)             82            2           15          151          465

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    AREA SOURCES            6            2            3            3            9
          TOTAL  (COMM-INST)
                    AREA SOURCES            6            2            3            3            9

     INDUSTRIAL

          ON SITE INCINERATION
                    AREA SOURCES            3            1            1            2            3
          OPEN BURNING
                    AREA SOURCES            1            0            0            1            5
          TOTAL  (INDUSTRIAL)
                    AREA SOURCES            4            1            1            3            8

     TOTAL  (SOLID WASTE DISP)
                    AREA SOURCES           92            5           19          157          482

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES        555           30          729          940         7654
               LIGHT DUTY TRUCKS          173           13          292          342         2480
               HEAVY DUTY VEHICLES         27            3          103          112         1524
               OFF HIGHWAY                  7            4           66          237         2547
               TOTAL  (GASOLINE)          762           50         1190         1631        14205
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                            AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:16 IOWA          AQCR:065 BURLINGTON-KEOKUK     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES       SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 8             39              1              8             39
         DISTILLATE OIL                  4             40             25              2              7
         NATURAL GAS                    18              2            147             15             37
         WOOD                           14              0              0              3             99
         TOTAL (RESIDENTIAL)            44             81            173             28            182

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               535          22769           4494             75            250
         DISTILLATE OIL                  0              2              1              0              0
         TOTAL (ELEC GEN)              535          22771           4495             75            250

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES               15              0              0              0              0
         BITUMINOUS COAL
            AREA SOURCES               146           1048            244              8             15
            POINT SOURCES             1613           4523            623             25             57
         RESIDUAL OIL
            AREA SOURCES                 8            113             29              0              3
            POINT SOURCES                1            217             36              1              3
         DISTILLATE OIL
            AREA SOURCES                 2             22             27              2              4
            POINT SOURCES               21            149             98             14             13
         NATURAL GAS
            AREA SOURCES                 3              0            825            330            112
            POINT SOURCES               14              1           1446              8             26
         TOTAL (INDUSTRIAL)
            AREA SOURCES               159           1183           1125            340            134
            POINT SOURCES             1664           4890           2203             48             99

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                 8             20              9              0              0
         BITUMINOUS COAL
            AREA SOURCES                28             96             17              2              4
         RESIDUAL OIL
            AREA SOURCES                 3             34              8              0              0
         DISTILLATE OIL
```

```
*** A15 ***                                                                                   *** A15 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                     57          16          16          46          69
                POINT SOURCES                     3           1           1           2           5
        TOTAL (INDUSTRIAL)
                AREA SOURCES                     57          16          16          46          69
                POINT SOURCES                     3           1           1           2           5

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                   1039          75         224        1734        5212
                POINT SOURCES                     8           7          39           2           5

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                3530         210        5262        6597       51915
            LIGHT DUTY TRUCKS                  1075          92        2114        2280       15988
            HEAVY DUTY VEHICLES                 445          55        2002        1853       25215
            OFF HIGHWAY                         107          58        1058        3816       40920
            TOTAL (GASOLINE)                   5157         415       10436       14546      134038

        DIESEL

            HEAVY DUTY VEHICLES                 946         514        5165         564        1568
            OFF HIGHWAY                         130         111        1301         192         386
            RAIL                                 76         169        1099         279         388
            TOTAL (DIESEL)                     1152         794        7565        1035        2342

    AIRCRAFT

        CIVIL                                     0           0           0          27        1209
        TOTAL (AIRCRAFT)                          0           0           0          27        1209

    VESSELS

        GASOLINE                                  0           2           9         364        1141
        TOTAL (VESSELS)                           0           2           9         364        1141

    TOTAL (TRANSPORTATION)                     6309        1211       18010       15972      138730

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                             13           0           2          20         114
    STRUCTURAL FIRES                             89           0          10          67         352
    GASOLINE STA EVAP LOSS                        0           0           0        1737           0
    SOLVENT EVAPORATION LOSS                      0           0           0        8261           0
    UNPAVED ROADS                            134335           0           0           0           0
    TOTAL (MISCELLANEOUS)                    134437           0          12       10085         466

GRAND TOTAL
***********

    AREA SOURCES                             142335        4092       21029       28328      145148

    POINT SOURCES                             31118       10411        5161        1232        7131

    TOTAL                                    173453       14503       26190       29560      152279
```

```
*** A16 ***                                                                                        *** A16 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                            RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                               AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:16 IOWA        AQCR:093 SOUTHWEST IOWA             POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX             NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                8              24               0               8              30
         DISTILLATE OIL                30             352             222              10              61
         NATURAL GAS                   47               0             375              38              94
         WOOD                          80               2               2              16             576
         TOTAL (RESIDENTIAL)          165             378             599              72             761

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              373             805              98               7              13
         RESIDUAL OIL                   2              28              11               0               1
         TOTAL (ELEC GEN)             375             833             109               7              14

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              144            1022             245               6              13
         RESIDUAL OIL
            AREA SOURCES                1              30               7               0               0
            POINT SOURCES               0               8               5               0               0
         DISTILLATE OIL
            AREA SOURCES                0              11              14               0               1
            POINT SOURCES              80              12               9               0               2
         NATURAL GAS
            AREA SOURCES                1               0             492             195              68
            POINT SOURCES               1               0              30               1               2
         TOTAL (INDUSTRIAL)
            AREA SOURCES              146            1063             758             201              82
            POINT SOURCES              81              20              44               1               4

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               19              43              20               0               0
         BITUMINOUS COAL
            AREA SOURCES               59             178              38               0               5
         RESIDUAL OIL
            AREA SOURCES                4              98              26               0               0
         DISTILLATE OIL
            AREA SOURCES                1              67              54               0              11
         NATURAL GAS
            AREA SOURCES               21               0             218              14              38
            POINT SOURCES               0               0              11               0               0
```

```
*** A17 ***                                                                                          *** A17 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          5859          284         6979         9610        79433
         LIGHT DUTY TRUCKS            1861          139         3196         3802        27294
         HEAVY DUTY VEHICLES           313           32         1193         1254        17103
         OFF HIGHWAY                    67           34          667         2395        25691
         TOTAL (GASOLINE)             8100          489        12035        17061       149521

      DIESEL

         HEAVY DUTY VEHICLES           688          349         3365          391         1110
         OFF HIGHWAY                   215          180         2160          319          638
         RAIL                          380          866         5606         1423         1971
         TOTAL (DIESEL)               1283         1395        11131         2133         3719

   AIRCRAFT

      MILITARY                          72            7           44          129          232
      CIVIL                              1            0            1           26         1183
      COMMERCIAL                         7           15          139          155          346
      TOTAL (AIRCRAFT)                  80           22          184          310         1761

   VESSELS

      GASOLINE                           0            9           41         1763         5532
      TOTAL (VESSELS)                    0            9           41         1763         5532

   TOTAL (TRANSPORTATION)             9463         1915        23391        21267       160533

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    447            0          107          632         3682
   AGRICULTURAL BURNING                660            0           92          779         4337
   STRUCTURAL FIRES                    110            0           11           82          443
   GASOLINE STA EVAP LOSS                0            0            0         2083            0
   SOLVENT EVAPORATION LOSS              0            0            0         8204            0
   UNPAVED ROADS                    223182            0            0            0            0
   UNPAVED AIRSTRIPS                    47            0            0            0            0
   TOTAL (MISCELLANEOUS)            224446            0          210        11780         8462

GRAND TOTAL
***********

   AREA SOURCES                     235142         4109        38719        38933       174551

   POINT SOURCES                     11299        10659        45823         3608         2841

   TOTAL                            246441        14768        84542        42541       177392
```

```
*** A18 ***                                                                                               *** A18 ***
              AREA SOURCES             115          297          1151           69          195
              POINT SOURCES              0            0             6            0            0

        TOTAL (EXTERNAL COMB)
              AREA SOURCES            1048         3922         51450        17481         6890
              POINT SOURCES            893         7284         23796           55          637

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                8            7           111            9           24
           NATURAL GAS                   2            0           146           46           26
           TOTAL (ELEC GEN)             10            7           257           55           50

        INDUSTRIAL FUEL

           NATURAL GAS                   0            0          4695         1904          619
           TOTAL (INDUSTRIAL)            0            0          4695         1904          619

        TOTAL (INTERNAL COMB)           10            7          4952         1959          669

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES            1048         3922         51450        17481         6890
              POINT SOURCES            903         7291         28748         2014         1306

  INDUSTRIAL PROCESS (POINT)
  **************************

     CHEMICAL MANUFACTURING              3            0             0            2            0
     FOOD/AGRICULTURAL               10377            0             0            0            0
     SECONDARY METALS                   54            0             0            0           84
     MINERAL PRODUCTS                  843          432           565            8            8
     PETROLEUM INDUSTRY               1724        13408          8176         9997         1771
     ORGANIC SOLVENT EVAPORATION         0            0             0         1186            0
     PETROLEUM STORAGE/TRANSPORT         0            0             0         5448            0
     METAL FABRICATION                   2            0             0            0            0
     TOTAL (INDUSTRIAL)              13003        13840          8741        16641         1863

  SOLID WASTE DISPOSAL
  ********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION          1725           27            54         4852        14556
        OPEN BURNING                   685           25           175          924         2930
        TOTAL (RESIDENTIAL)           2410           52           229         5776        17486

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES             220           69           104          127          301
        OPEN BURNING
              AREA SOURCES               7            0             1           13           29
        TOTAL (COMM-INST)
              AREA SOURCES             227           69           105          140          330

     INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES              31            6             6           28           41
        OPEN BURNING
              AREA SOURCES               7            0             2           10           40
        TOTAL (INDUSTRIAL)
              AREA SOURCES              38            6             8           38           81
```

```
*** B01 ***                                                                                                     *** B01 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:10 FLORIDA         AQCR:051 SOUTHWEST FLORIDA                               POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                   PARTICULATES          SOX               NOX                 HC               CO
                                   *************     *************     *************     *************     *************
                                    TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                     2                33                21                 1                 4
            NATURAL GAS                       10                 0                84                 8                21
            WOOD                               6                 0                 0                 2                36
            TOTAL (RESIDENTIAL)               18                33               105                11                61

        ELEC GENERATION (POINT)

            RESIDUAL OIL                    1480             27135             10403                99               521
            DISTILLATE OIL                   939                63               493                16               249
            NATURAL GAS                        8                 0               239                 0                 6
            TOTAL (ELEC GEN)                2427             27198             11135               115               776

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                  59               340                91                 2                 6
            RESIDUAL OIL
                POINT SOURCES                103              1903               402                 7                20
            DISTILLATE OIL
                AREA SOURCES                   2                33                41                 2                 5
                POINT SOURCES                  8               558                 0                 0                 6
            NATURAL GAS
                AREA SOURCES                   2                 0               250                92                34
                POINT SOURCES                  1                 0                10                 0                 1
            BAGASSE
                POINT SOURCES                370                 0               765               886               145
            TOTAL (INDUSTRIAL)
                AREA SOURCES                  63               373               382                96                45
                POINT SOURCES                482              2461              1177               893               172

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                  33               424               115                 2                 9
            DISTILLATE OIL
                AREA SOURCES                   5                70                53                 2                12
            NATURAL GAS
                AREA SOURCES                   0                 0                 5                 0                 0
            TOTAL (COMM-INST)
                AREA SOURCES                  38               494               173                 4                21

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                 119               900               660               111               127
```

```
*** B02 ***                                                                                  *** B02 ***
          OFF HIGHWAY                   162          133         1623          237          481
          RAIL                           34           77          498          126          175
          TOTAL (DIESEL)                910          532         5123          755         1813

   AIRCRAFT

      MILITARY                          371           35          224          660         1188
      CIVIL                               0            0            0           16          726
      COMMERCIAL                          3            6           52           58          129
      TOTAL (AIRCRAFT)                  374           41          276          734         2043

   VESSELS

      GASOLINE                            0            1            6          276          868
      TOTAL (VESSELS)                     0            1            6          276          868

   TOTAL (TRANSPORTATION)              7616          854        12121        11784        97647

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     226            0           53          318         1855
   FOREST MANAGED BURNING              1944           14          387         1750        10894
   AGRICULTURAL BURNING                 507            0           71          600         3340
   STRUCTURAL FIRES                      79            0            8           58          321
   GASOLINE STA EVAP LOSS                 0            0            0         1673            0
   SOLVENT EVAPORATION LOSS               0            0            0        10949            0
   UNPAVED ROADS                      17204            0            0            0            0
   TOTAL (MISCELLANEOUS)              19960           14          519        15348        16410

GRAND TOTAL
***********

   AREA SOURCES                       28425         1036        13762        27965       118540

   POINT SOURCES                       1096          522          571          328          100

   TOTAL                              29521         1558        14333        28293       118640
```

```
*** 803 ***                                                                                              *** 803 ***
         TOTAL (EXTERNAL COMB)
                   AREA SOURCES              589          375         2367          438         3494
                   POINT SOURCES           18229       357184        49610          869         3041

    TOTAL (FUEL COMBUSTION)

                   AREA SOURCES              589          375         2367          438         3494
                   POINT SOURCES           18229       357184        49610          869         3041

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   509         1806           15            0            0
    PRIMARY METAL                            583          213            0            0            0
    SECONDARY METALS                          21            0            0          153            0
    MINERAL PRODUCTS                         949           37           19            3            3
    WOOD PRODUCTS                            970         2581         1102          100        23888
    ORGANIC SOLVENT EVAPORATION                1            0            0          243            0
    METAL FABRICATION                          0            0            0           62            0
    OTHER/NOT CLASSIFIED                     243          456            0            0            0
    TOTAL (INDUSTRIAL)                      3276         5093         1136          561        23891

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

         OPEN BURNING                       1199           47          308         1618         5134
         TOTAL (RESIDENTIAL)                1199           47          308         1618         5134

    COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                   AREA SOURCES                5            0            3            3            8
         OPEN BURNING
                   AREA SOURCES                2            0            0            4            8
         TOTAL (COMM-INST)
                   AREA SOURCES                7            0            3            7           16

    INDUSTRIAL

         ON SITE INCINERATION
                   POINT SOURCES              35         8841            8           35           47
         OPEN BURNING
                   AREA SOURCES               45            0           16           78          275
         TOTAL (INDUSTRIAL)
                   AREA SOURCES               45            0           16           78          275
                   POINT SOURCES              35         8841            8           35           47

    TOTAL (SOLID WASTE DISP)
                   AREA SOURCES             1251           47          327         1703         5425
                   POINT SOURCES              35         8841            8           35           47

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

         GASOLINE

              LIGHT DUTY VEHICLES           7790          470        11193        13756       106762
              LIGHT DUTY TRUCKS             2185          185         4191         4654        31718
              HEAVY DUTY VEHICLES            459           54         1910         1808        24787
              OFF HIGHWAY                     39           22          385         1390        14916
              TOTAL (GASOLINE)             10473          731        17679        21608       178183
```

```
*** 804 ***                                                                                          *** 804 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:11 GEORGIA        AQCR:059 SOUTHWEST GEORGIA                POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                 PARTICULATES           SOX             NOX              HC              CO
                                 ************      ************    ************    ************    ************
                                  TONS / YR         TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                     1              19              11               0               1
         NATURAL GAS                       47               1             380              38              96
         WOOD                             703              13              28             144            5031
         TOTAL (RESIDENTIAL)              751              33             419             182            5128

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 1061           13157            5586             105             329
         RESIDUAL OIL                      16             199              52               0               2
         NATURAL GAS                        0               0              30               0               1
         OTHER                            658            2898           19345            3869            3869
         TOTAL (ELEC GEN)                1735           16254           25013            3974            4201

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES                 130           10749            1611              28             134
         DISTILLATE OIL
            AREA SOURCES                   24             235             282              13              38
            POINT SOURCES                   9             824              24               2               5
         NATURAL GAS
            AREA SOURCES                   23               0             765             155              87
            POINT SOURCES                  12               2             811               4              25
         WOOD
            POINT SOURCES                 185             137             151              39              54
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   47             235            1047             168             125
            POINT SOURCES                 336           11712            2597              73             218

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                    6              11               3               0               0
         DISTILLATE OIL
            AREA SOURCES                    2              55              42               1               8
         NATURAL GAS
            AREA SOURCES                   18               0             234              13              41
            POINT SOURCES                   6               0              96               3              11
         TOTAL (COMM-INST)
            AREA SOURCES                   26              66             279              14              49
            POINT SOURCES                   6               0              96               3              11

      TOTAL (EXTERNAL COMB)
```

*** B06 ***					
UNPAVED ROADS	16352	0	0	0	0
UNPAVED AIRSTRIPS	306	0	0	0	0
TOTAL (MISCELLANEOUS)	16973	3	68	8586	2386
GRAND TOTAL ***********					
AREA SOURCES	24833	2471	17108	22686	107698
POINT SOURCES	905	699	1333	350	54
TOTAL	25738	3170	18441	23036	107752

```
*** B07 ***                                                                                          *** B07 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:14 ILLINOIS      AQCR:067 METROPOLITAN CHICAGO             POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES          SOX            NOX             HC             CO
                               ************     ************   ************   ************   ************
                                TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  315           1197             47            315           1417
         DISTILLATE OIL                   232           2680           1674             93            465
         NATURAL GAS                     1637             99          13090           1308           3273
         TOTAL (RESIDENTIAL)             2184           3976          14811           1716           5155

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                53995         128082         135227           1408           4680
         RESIDUAL OIL                    1380          26556          26484            248           1222
         DISTILLATE OIL                     9            263            238              8             40
         NATURAL GAS                      115            210           5492             17            152
         TOTAL (ELEC GEN)               55499         155111         167441           1681           6094

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 5569          32062           8438            252            548
            POINT SOURCES                1301           3871           2404            112            245
         RESIDUAL OIL
            POINT SOURCES                1259          16545           7657            125            555
         DISTILLATE OIL
            POINT SOURCES                 127           1853           1826             74            217
         NATURAL GAS
            AREA SOURCES                  346             21           9918           1682           1103
            POINT SOURCES                 394            555           9163            171            619
         PROCESS GAS
            POINT SOURCES                 316           6684            980             83             80
         COKE
            POINT SOURCES                   0            116             63              1              3
         OTHER
            POINT SOURCES                   2             29             14              1              4
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 5915          32083          18356           1934           1651
            POINT SOURCES                3399          29653          22107            567           1723

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                  187            451            193              0             17
         RESIDUAL OIL
            AREA SOURCES                  760          10611           2670             43            223
            POINT SOURCES                 167           2196           1069             13             73
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	8672	437	10581	13533	113137
LIGHT DUTY TRUCKS	2755	196	4464	5232	38582
HEAVY DUTY VEHICLES	716	78	2696	2837	38559
OFF HIGHWAY	92	46	917	3304	35411
TOTAL (GASOLINE)	12235	757	18658	24906	225689
DIESEL					
HEAVY DUTY VEHICLES	854	435	4342	509	1421
OFF HIGHWAY	262	221	2632	387	778
RAIL	167	373	2434	619	855
TOTAL (DIESEL)	1283	1029	9408	1515	3054
AIRCRAFT					
MILITARY	14	1	9	25	47
CIVIL	1	0	1	32	1521
COMMERCIAL	3	8	75	84	188
TOTAL (AIRCRAFT)	18	9	85	141	1756
VESSELS					
DIESEL FUEL	6	7	56	15	19
GASOLINE	0	8	31	1220	3825
TOTAL (VESSELS)	6	15	87	1235	3844
TOTAL (TRANSPORTATION)	13542	1810	28238	27797	234343
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	25	0	0	37	204
STRUCTURAL FIRES	134	0	17	102	542
GASOLINE STA EVAP LOSS	0	0	0	2635	0
SOLVENT EVAPORATION LOSS	0	0	0	13772	0
UNPAVED ROADS	27417	0	0	0	0
TOTAL (MISCELLANEOUS)	27576	0	17	16546	746
GRAND TOTAL					
***********					
AREA SOURCES	43358	3723	30947	47915	245870
POINT SOURCES	16506	181503	44579	21991	2636
TOTAL	59864	185226	75526	69906	248506

```
*** B11 ***                                                                                        *** B11 ***
      DIESEL

          HEAVY DUTY VEHICLES              96           49          488           56          159
          OFF HIGHWAY                      17           15          172           26           51
          RAIL                             13           30          192           49           67
          TOTAL (DIESEL)                  126           94          852          131          277

    AIRCRAFT

       CIVIL                                0            0            0            1           28
       TOTAL (AIRCRAFT)                     0            0            0            1           28

    TOTAL (TRANSPORTATION)                888          144         2042         1763        14510

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        2            0            0            3           16
    STRUCTURAL FIRES                        9            0            1            7           39
    GASOLINE STA EVAP LOSS                  0            0            0          171            0
    SOLVENT EVAPORATION LOSS                0            0            0          541            0
    UNPAVED ROADS                         596            0            0            0            0
    TOTAL (MISCELLANEOUS)                 607            0            1          722           55

GRAND TOTAL
***********

    AREA SOURCES                         1643          442         2218         2651        15157

    POINT SOURCES                         478        60579        40224         4965         1176

    TOTAL                                2121        61021        42442         7616        16333
```

```
*** B12 ***                                                                                                   *** B12 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:15 INDIANA       AQCR:083 SOUTHERN INDIANA                    POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                              PARTICULATES         SOX              NOX              HC               CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               0               4                0                0               24
         DISTILLATE OIL               40             473              294               19               83
         NATURAL GAS                  97               3              771               79              195
         WOOD                        728              13               29              147             5229
         TOTAL (RESIDENTIAL)         865             493             1094              245             5531

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             764          280110            58554              978             1953
         NATURAL GAS                   0               0               11                0                0
         TOTAL (ELEC GEN)            764          280110            58565              978             1953

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            1601           10138             2135               63              140
            POINT SOURCES            154            1116              106               11               35
         RESIDUAL OIL
            AREA SOURCES               9             139               38                0                1
            POINT SOURCES             57             629              219                5               18
         DISTILLATE OIL
            AREA SOURCES               5              81              103                3               14
            POINT SOURCES              9              60               29                5               10
         NATURAL GAS
            AREA SOURCES              43               1              811               11               76
            POINT SOURCES             15              28              126                4               10
         WOOD
            POINT SOURCES             17              10               59               31               24
         TOTAL (INDUSTRIAL)
            AREA SOURCES            1658           10359             3087               77              231
            POINT SOURCES            252            1843              539               56               97

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               3              10                3                0                0
         BITUMINOUS COAL
            POINT SOURCES           1167            5482              753               50              100
         RESIDUAL OIL
            AREA SOURCES              64             891              226                2               21
         DISTILLATE OIL
            AREA SOURCES               5             123               93                2               22
```

```
*** B13 ***                                                                              *** B13 ***
          AREA SOURCES                     2           25           19            1            5
       NATURAL GAS
          AREA SOURCES                     8            0           99            7           16
       TOTAL (COMM-INST)
          AREA SOURCES                    49          175          152           10           25

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                   252         1439         1450          378          341
          POINT SOURCES                 2199        27661         6698          123          349

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION*

       DISTILLATE OIL                      0            1           11            1            2
       TOTAL (ELEC GEN)                    0            1           11            1            2

    TOTAL (INTERNAL COMB)                  0            1           11            1            2

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                   252         1439         1450          378          341
          POINT SOURCES                 2199        27662         6709          124          351

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                 749         6783          261            4            0
  FOOD/AGRICULTURAL                     2262            0            0            0            0
  PRIMARY METAL                        20547            0            0            0            0
  SECONDARY METALS                       192          148            0            0          226
  MINERAL PRODUCTS                       628           72            4          307            0
  ORGANIC SOLVENT EVAPORATION              0            0            0         1190            0
  PETROLEUM STORAGE/TRANSPORT              0            0            0            5            0
  METAL FABRICATION                       59            0            0            0            0
  OTHER/NOT CLASSIFIED                   340            0            0            0            0
  TOTAL (INDUSTRIAL)                   24777         7003          265         1506          226

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

     OPEN BURNING                          4            0            2            8           23
     TOTAL (GOVERNMENT)                    4            0            2            8           23

  RESIDENTIAL (AREA)

     ON SITE INCINERATION                 90            2            2          253          758
     OPEN BURNING                        184            7           47          248          787
     TOTAL (RESIDENTIAL)                 274            9           49          501         1545

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
          AREA SOURCES                    34           11           16           19           46
     TOTAL (COMM-INST)
          AREA SOURCES                    34           11           16           19           46

  INDUSTRIAL

     ON SITE INCINERATION
          AREA SOURCES                    17            4            4           15           22
          POINT SOURCES                    1            1            1            1            5
     TOTAL (INDUSTRIAL)
          AREA SOURCES                    17            4            4           15           22
```

```
*** 814 ***                                                                                                  *** 814 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                           ********************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                           *********************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
******************************                                      AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:16 IOWA          AQCR:086 METROPOLITAN SIOUX CITY            POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES         SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                1                4                0                1                4
         DISTILLATE OIL                10              117               74                4               21
         NATURAL GAS                   32                1              256               25               64
         WOOD                           5                0                0                1               36
         TOTAL (RESIDENTIAL)           48              122              330               31              125

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              848            31222            23849              397             1325
         DISTILLATE OIL                 2              121               84                3               14
         NATURAL GAS                    1                0              319                0                8
         TOTAL (ELEC GEN)             851            31343            24252              400             1347

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              199             1518              333               10               21
         RESIDUAL OIL
            AREA SOURCES                3               42               10                0                1
            POINT SOURCES              36               86               13                4                0
         DISTILLATE OIL
            AREA SOURCES                1               15               18                1                2
            POINT SOURCES               3               40               10               11                2
         NATURAL GAS
            AREA SOURCES                2                0              613              245               84
            POINT SOURCES              59                1              840               86               13
         LIQUID PETROL GAS
            POINT SOURCES               1                0                2                0                0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              205             1575              974              256              108
            POINT SOURCES              99              127              865              101               15

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               15               36               16                0                1
         BITUMINOUS COAL
            AREA SOURCES               51              194               32                2                7
         RESIDUAL OIL
            AREA SOURCES                6               68               17                0                1
         DISTILLATE OIL
            AREA SOURCES                3               48               38                1                8
```

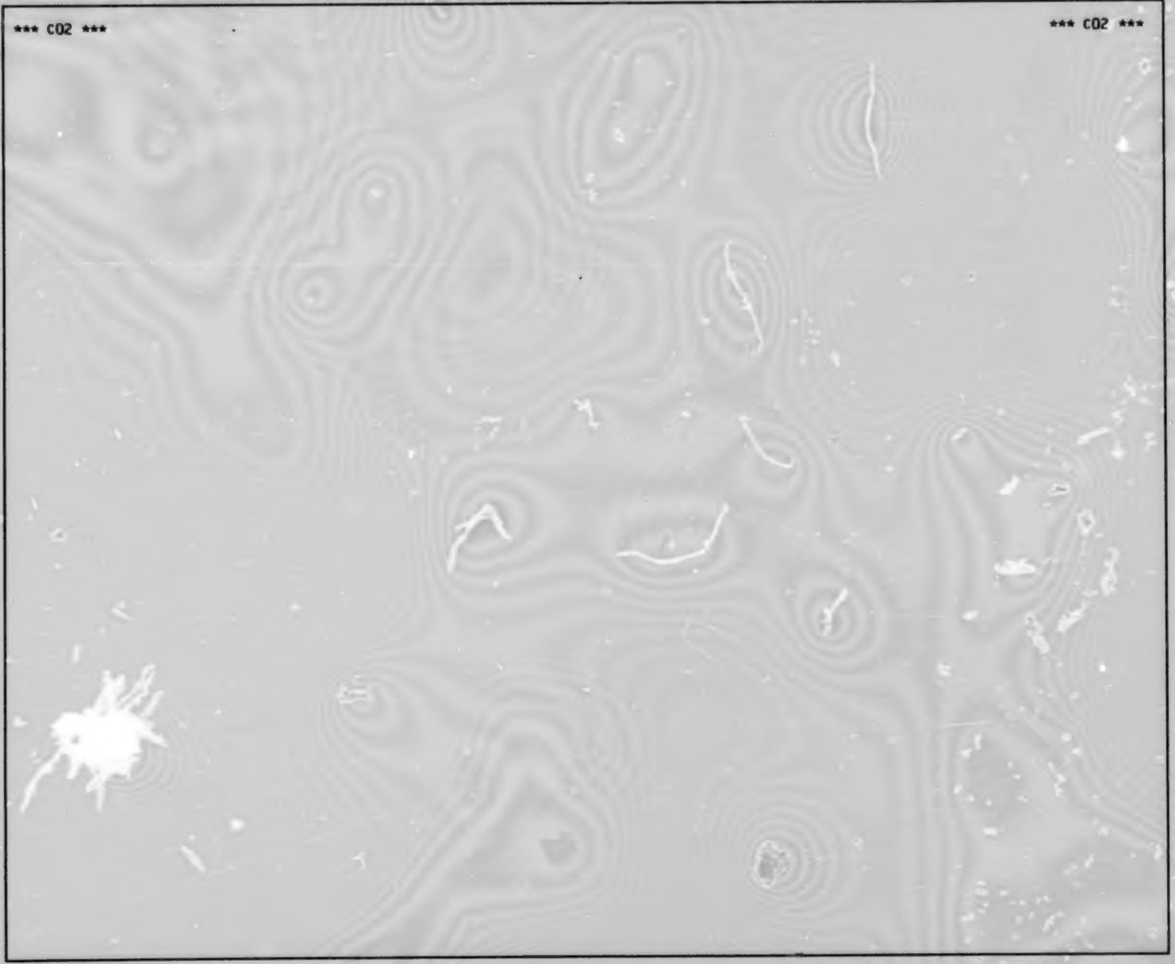
*** B15 ***

*** B15 ***

```
*** B16 ***                                                                                                   *** B16 ***
              LIQUID PETROL GAS
                   POINT SOURCES          0                0                1                0                0
              TOTAL (COMM-INST)
                   AREA SOURCES         104              386              356               14               54
                   POINT SOURCES          0                0               12                0                0

          TOTAL (EXTERNAL COMB)
                   AREA SOURCES         415             1827             1713              287              897
                   POINT SOURCES        456              853              165                8               18

      TOTAL (FUEL COMBUSTION)

                   AREA SOURCES         415             1827             1713              287              897
                   POINT SOURCES        456              853              165                8               18

INDUSTRIAL PROCESS (POINT)
**************************

      FOOD/AGRICULTURAL                5081                0                0                0                3
      SECONDARY METALS                    4                0                0                0                0
      MINERAL PRODUCTS                  399                0                0                0                0
      TOTAL (INDUSTRIAL)               5484                0                0                0                3

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION          235                0                5              658             1973
          OPEN BURNING                  427               17              109              578             1828
          TOTAL (RESIDENTIAL)           662               17              114             1236             3801

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                   AREA SOURCES          84               26               40               51              117
                   POINT SOURCES          1                0                0                0                0
          TOTAL (COMM-INST)
                   AREA SOURCES          84               26               40               51              117
                   POINT SOURCES          1                0                0                0                0

      INDUSTRIAL

          ON SITE INCINERATION
                   AREA SOURCES          43               12               12               34               53
                   POINT SOURCES          1                0                0                0                0
          TOTAL (INDUSTRIAL)
                   AREA SOURCES          43               12               12               34               53
                   POINT SOURCES          1                0                0                0                0

      TOTAL (SOLID WASTE DISP)
                   AREA SOURCES         789               55              166             1321             3971
                   POINT SOURCES          2                0                0                0                0

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

          GASOLINE

              LIGHT DUTY VEHICLES      2570              180             4523             5371            40328
              LIGHT DUTY TRUCKS        1004               99             2273             2299            15412
              HEAVY DUTY VEHICLES       423               53             2025             1780            24244
              OFF HIGHWAY                98               50              967             3478            37303
              TOTAL (GASOLINE)         4095              382             9788            12928           117287
```

```
*** B18 ***                                                                                  *** B18 ***
    TOTAL (SOLID WASTE DISP)
            AREA SOURCES              2675          127          342         5954        17897

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       9706          381         9201        14015       122952
            LIGHT DUTY TRUCKS         2813          165         3761         5077        39072
            HEAVY DUTY VEHICLES        451           41         1376         1717        23425
            OFF HIGHWAY                 75           39          739         2662        28538
            TOTAL (GASOLINE)         13045          626        15077        23471       213987

        DIESEL

            HEAVY DUTY VEHICLES       1812          783         7687         1066         3025
            OFF HIGHWAY                345          290         3498          515         1035
            RAIL                       581         1324         8588         2180         3018
            TOTAL (DIESEL)            2738         2397        19773         3761         7078

    AIRCRAFT

        MILITARY                       264           24          159          470          846
        CIVIL                            1            1            3           50         2350
        COMMERCIAL                      12           27          253          282          630
        TOTAL (AIRCRAFT)               277           52          415          802         3826

    VESSELS

        GASOLINE                         0            0            4          166          560
        TOTAL (VESSELS)                  0            0            4          166          560

    TOTAL (TRANSPORTATION)           16060         3075        35269        28200       225451

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   515            4          121          726         4238
    AGRICULTURAL BURNING              1477            0          207         1746         9713
    STRUCTURAL FIRES                   163            0           18          122          663
    GASOLINE STA EVAP LOSS               0            0            0         2935            0
    SOLVENT EVAPORATION LOSS             0            0            0        20432            0
    UNPAVED ROADS                   328185            0            0            0            0
    UNPAVED AIRSTRIPS                    7            0            0            0            0
    TOTAL (MISCELLANEOUS)           330347            4          346        25961        14614

GRAND TOTAL
***********

    AREA SOURCES                    350130         7128        87407        77596       264852

    POINT SOURCES                    13906        21131        37489        18655         3169

    TOTAL                           364036        28259       124896        96251       268021
```

```
*** C01 ***                                                                                        *** C01 ***
              POINT SOURCES          2909          29659          12312          1008          948

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                25              9            142            11            31
         NATURAL GAS                    4              0             15             2             4
         TOTAL (ELEC GEN)              29              9            157            13            35

      TOTAL (INTERNAL COMB)            29              9            157            13            35

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES            119            900            660           111           127
              POINT SOURCES          2938          29668          12469          1021           983

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                  142           1748              0             0            21
   MINERAL PRODUCTS                   980            293              0             0             0
   TOTAL (INDUSTRIAL)                1122           2041              0             0            21

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             14              0              0            42           127
      TOTAL (RESIDENTIAL)              14              0              0            42           127

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES              0              0              0             0             1
              POINT SOURCES             6              2              2             3             9
      TOTAL (COMM-INST)
              AREA SOURCES              0              0              0             0             1
              POINT SOURCES             6              2              2             3             9

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES              4              0              0             4             6
      TOTAL (INDUSTRIAL)
              AREA SOURCES              4              0              0             4             6

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             18              0              0            46           134
              POINT SOURCES             6              2              2             3             9

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        14164            539          12148         17449        151659
         LIGHT DUTY TRUCKS           2667            144           3053          4034         30740
         HEAVY DUTY VEHICLES          679             58           1832          2341         32398
         OFF HIGHWAY                   31             16            296          1064         11413
         TOTAL (GASOLINE)           17541            757          17329         24888        226210

      DIESEL
```


*** CO2 ***
*** CO2 ***

DIESEL					
HEAVY DUTY VEHICLES	1215	662	6158	654	1916
OFF HIGHWAY	343	286	3463	509	1025
RAIL	65	144	945	242	332
TOTAL (DIESEL)	1623	1092	10566	1405	3273
AIRCRAFT					
CIVIL	0	0	0	15	716
TOTAL (AIRCRAFT)	0	0	0	15	716
VESSELS					
GASOLINE	0	2	11	446	1399
TOTAL (VESSELS)	0	2	11	446	1399
TOTAL (TRANSPORTATION)	12096	1825	28256	23474	183571
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	749	4	175	1054	6158
FOREST MANAGED BURNING	341	0	69	303	1894
AGRICULTURAL BURNING	33	0	2	38	213
STRUCTURAL FIRES	127	0	15	93	504
GASOLINE STA EVAP LOSS	0	0	0	3122	0
SOLVENT EVAPORATION LOSS	0	0	0	23215	0
UNPAVED ROADS	27108	0	0	0	0
TOTAL (MISCELLANEOUS)	28358	4	261	27825	8769
GRAND TOTAL ***********					
AREA SOURCES	42294	2251	31211	53440	201259
POINT SOURCES	21540	371118	50754	1465	26979
TOTAL	63834	373369	81965	54905	228238

AREA SOURCES	824	334	1745	364	5302
POINT SOURCES	2077	27966	27706	4050	4430
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	824	334	1745	364	5302
POINT SOURCES	2077	27966	27706	4050	4430
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	173	207	580	0	0
PRIMARY METAL	634	1579	337	15	21
MINERAL PRODUCTS	92	128	0	0	0
WOOD PRODUCTS	1657	2374	896	0	18360
PETROLEUM STORAGE/TRANSPORT	0	0	0	400	0
OTHER/NOT CLASSIFIED	1	0	0	70	0
TOTAL (INDUSTRIAL)	2557	4288	1813	485	18381
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
OPEN BURNING	1237	50	317	1668	5289
TOTAL (RESIDENTIAL)	1237	50	317	1668	5289
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION AREA SOURCES	10	1	6	7	15
OPEN BURNING AREA SOURCES	2	0	0	4	8
TOTAL (COMM-INST) AREA SOURCES	12	1	6	11	23
INDUSTRIAL					
OPEN BURNING AREA SOURCES	78	2	28	132	465
TOTAL (INDUSTRIAL) AREA SOURCES	78	2	28	132	465
TOTAL (SOLID WASTE DISP) AREA SOURCES	1327	53	351	1811	5777
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	8004	373	8640	11454	96152
LIGHT DUTY TRUCKS	2192	147	3206	3854	28214
HEAVY DUTY VEHICLES	740	74	2466	2755	37770
OFF HIGHWAY	61	33	594	2139	22935
TOTAL (GASOLINE)	10997	627	14906	20202	185071
DIESEL					
HEAVY DUTY VEHICLES	1635	779	7242	888	2615
OFF HIGHWAY	467	391	4707	693	1393
RAIL	64	147	931	235	327
TOTAL (DIESEL)	2166	1317	12880	1816	4335

```
*** C05 ***                                                                                                    *** C05 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                          AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:13 IDAHO          AQCR:061 EASTERN IDAHO                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES          SOX              NOX               HC                CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              153              281               23              153              691
            DISTILLATE OIL                 8              223               57                2               14
            NATURAL GAS                   10                0               96                9               23
            WOOD                          68                1                2               14              486
            TOTAL (RESIDENTIAL)          239              505              178              178             1214

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             282             1039              475               14               31
                POINT SOURCES            364              319              817                9               24
            RESIDUAL OIL
                POINT SOURCES             65             1149              300                5               25
            DISTILLATE OIL
                AREA SOURCES              15              320              155                7               21
                POINT SOURCES             41               22               36                4               10
            NATURAL GAS
                AREA SOURCES              48                2             3149             1003              400
                POINT SOURCES              6                1              348                6               24
            WOOD
                POINT SOURCES              8               26              170               34               34
            TOTAL (INDUSTRIAL)
                AREA SOURCES             345             1361             3779             1024              452
                POINT SOURCES            484             1517             1671               58              117

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES              12              154               45                0                3
            DISTILLATE OIL
                AREA SOURCES               3              144               44                1               10
            NATURAL GAS
                AREA SOURCES              10                0              112                7               17
            TOTAL (COMM-INST)
                AREA SOURCES              25              298              201                8               30

        TOTAL (EXTERNAL COMB)
                AREA SOURCES             609             2164             4158             1210             1696
                POINT SOURCES            484             1517             1671               58              117

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             609             2164             4158             1210             1696
```

DISTILLATE OIL					
AREA SOURCES	72	1027	785	35	180
POINT SOURCES	9	87	63	1	10
NATURAL GAS					
AREA SOURCES	181	10	2166	143	362
POINT SOURCES	184	9	10948	44	320
TOTAL (COMM-INST)					
AREA SOURCES	1200	12099	5814	221	782
POINT SOURCES	360	2292	12080	58	403
TOTAL (EXTERNAL COMB)					
AREA SOURCES	9299	48158	38981	3871	7588
POINT SOURCES	59258	187056	201628	2306	8220
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	274	3209	6307	372	1053
OTHER	0	0	622	0	0
TOTAL (ELEC GEN)	274	3209	6929	372	1053
INDUSTRIAL FUEL					
DISTILLATE OIL	0	2	1	0	0
NATURAL GAS	9	1	4470	1442	555
TOTAL (INDUSTRIAL)	9	3	4471	1442	555
TOTAL (INTERNAL COMB)	283	3212	11400	1814	1608
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	9299	48158	38981	3871	7588
POINT SOURCES	59541	190268	213028	4120	9828
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	6002	1797	1775	7728	36455
FOOD/AGRICULTURAL	10933	7	1	673	3
PRIMARY METAL	20319	2462	2095	2313	50897
SECONDARY METALS	2965	1832	1790	43	2034
MINERAL PRODUCTS	20729	5853	1137	228	887
PETROLEUM INDUSTRY	2024	29055	6223	1252	710
WOOD PRODUCTS	1030	0	0	23	0
ORGANIC SOLVENT EVAPORATION	580	81	737	80735	866
PETROLEUM STORAGE/TRANSPORT	1233	0	13	17288	0
METAL FABRICATION	323	0	10	644	0
OTHER/NOT CLASSIFIED	1688	5053	1127	205	54
TOTAL (INDUSTRIAL)	67826	46140	14908	111132	91906
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	33	3	3	2	38
OTHER INCINERATION	1	0	0	0	0
TOTAL (GOVERNMENT)	34	3	3	2	38
RESIDENTIAL (AREA)					
ON SITE INCINERATION	3731	59	116	10491	31474
OPEN BURNING	1587	58	405	2141	6789
TOTAL (RESIDENTIAL)	5318	117	521	12632	38263

```
*** C08 ***                                                                                                   *** C08 ***

                                                   NATIONAL EMISSIONS DATA SYSTEM
                                                  ********************************

                                                   ENVIRONMENTAL PROTECTION AGENCY
                                                  *********************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
******************************                                        AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:14 ILLINOIS       AQCR:071 NORTH CENTRAL ILLINOIS              POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                                  PARTICULATES        SOX            NOX            HC             CO
                                  ************   ************   ************   ************   ************
                                   TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               3             13              0              3             16
            DISTILLATE OIL               12            138             87              4             24
            NATURAL GAS                  46              1            358             36             89
            TOTAL (RESIDENTIAL)          61            152            445             43            129

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             655          40967           6164            118            389
            NATURAL GAS                   0              0            466              0             13
            TOTAL (ELEC GEN)            655          40967           6630            118            402

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            351           2026            534             16             34
                POINT SOURCES           185           1723            345             22             44
            RESIDUAL OIL
                POINT SOURCES            10            186             61              0              3
            DISTILLATE OIL
                POINT SOURCES             0              8              6              0              1
            NATURAL GAS
                AREA SOURCES             15              1            421             72             47
                POINT SOURCES             8              0            191             13              9
            TOTAL (INDUSTRIAL)
                AREA SOURCES            366           2027            955             88             81
                POINT SOURCES           203           1917            603             35             57

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              7             17              7              0              0
            RESIDUAL OIL
                AREA SOURCES             15            232             58              0              4
            DISTILLATE OIL
                AREA SOURCES              1             23             17              0              4
            NATURAL GAS
                AREA SOURCES             12              0            151             10             25
                POINT SOURCES             2              0             30              1              5
            TOTAL (COMM-INST)
                AREA SOURCES             35            272            233             10             33
                POINT SOURCES             2              0             30              1              5
```

```
                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *********************************

STATE/AQCR EMISSIONS REPORT                                                                     RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                                        AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:15 INDIANA         AQCR:076 EAST CENTRAL INDIANA                             POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                    PARTICULATES           SOX               NOX                HC                CO
                                    ************      ************      ************       ************      ************
                                     TONS / YR         TONS / YR         TONS / YR          TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                    0                 2                 0                  0                 9
            DISTILLATE OIL                    34               385               240                 13                67
            NATURAL GAS                      106                 7               852                 85               212
            WOOD                              67                 0                 2                 14               477
            TOTAL (RESIDENTIAL)              207               394              1094                112               765

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                  249             10099              3067                 31               102
            TOTAL (ELEC GEN)                 249             10099              3067                 31               102

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                2651             16789              3536                107               231
                POINT SOURCES               2324              9139              1423                100               189
            RESIDUAL OIL
                AREA SOURCES                  16               237                60                  0                 5
                POINT SOURCES                 96              1250               220                  7                17
            DISTILLATE OIL
                AREA SOURCES                  12               124               152                  8                22
                POINT SOURCES                 44               353               212                 12                23
            NATURAL GAS
                AREA SOURCES                  65                 3              1146                 20               108
                POINT SOURCES                 31                 2               437                  7                33
            WOOD
                POINT SOURCES                  1                 1                 6                  1                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES                2744             17153              4894                135               366
                POINT SOURCES               2496             10745              2298                127               263

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES                   0                 3                 0                  0                 0
            BITUMINOUS COAL
                POINT SOURCES                713              2260               308                 17                41
            RESIDUAL OIL
                AREA SOURCES                  66               941               236                  4                20
                POINT SOURCES                  4                25                10                  1                 1
            DISTILLATE OIL
                AREA SOURCES                   8               129                99                  4                24
```

```
             POINT SOURCES                      7            12             3             1            24
         NATURAL GAS
             AREA SOURCES                      26             0           322            20            56
             POINT SOURCES                      0             1            17             1             3
         TOTAL (COMM-INST)
             AREA SOURCES                      98          1024           644            24            99
             POINT SOURCES                   1174          5495           773            52           127

      TOTAL (EXTERNAL COMB)
             AREA SOURCES                    2621         11876          4825           346          5861
             POINT SOURCES                   2190        287448         59877          1086          2177

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS                            0             1           496           204            63
         TOTAL (INDUSTRIAL)                     0             1           496           204            63

      ENGINE-TESTING

         TOTAL (ENG TESTNG)                    46            43           785            68           281

      TOTAL (INTERNAL COMB)                    46            44          1281           272           344

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES                    2621         11876          4825           346          5861
             POINT SOURCES                   2236        287492         61158          1358          2521

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                      15             0             0            10             0
   FOOD/AGRICULTURAL                          699             0             0          2165             0
   SECONDARY METALS                           110             0             3             0           350
   MINERAL PRODUCTS                         10042            51           843            20            84
   WOOD PRODUCTS                               10             0             0             0             0
   ORGANIC SOLVENT EVAPORATION                 41             0             0          4420             0
   PETROLEUM STORAGE/TRANSPORT                  0             0             0           215             0
   OTHER/NOT CLASSIFIED                         5             6            90             1             7
   TOTAL (INDUSTRIAL)                       10922            57           936          6831           441

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                    446             2            13          1253          3759
      OPEN BURNING                            884            32           230          1198          3789
      TOTAL (RESIDENTIAL)                    1330            34           243          2451          7548

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
             AREA SOURCES                     103            26            51            61           143
      OPEN BURNING
             AREA SOURCES                       1             0             0             2             4
      TOTAL (COMM-INST)
             AREA SOURCES                     104            26            51            63           147

   INDUSTRIAL

      ON SITE INCINERATION
             AREA SOURCES                      38             7             7            32            48
             POINT SOURCES                      1             1             1             1             5
```

```
*** C13 ***                                                                                  *** C13 ***
              POINT SOURCES                  1            1            1            1            5

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                 325           24           69          535         1613
              POINT SOURCES                  5            1            3            9           28

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES               987           42         1048         1557        13463
         LIGHT DUTY TRUCKS                 282           17          380          507         3961
         HEAVY DUTY VEHICLES                85            8          266          331         4492
         OFF HIGHWAY                        13            7          132          476         5101
         TOTAL (GASOLINE)                 1367           74         1826         2871        27017

      DIESEL

         HEAVY DUTY VEHICLES               238          110         1109          145          403
         OFF HIGHWAY                        37           31          374           55          111
         RAIL                               22           51          326           82          115
         TOTAL (DIESEL)                    297          192         1809          282          629

   AIRCRAFT

      CIVIL                                  0            0            0            6          292
      TOTAL (AIRCRAFT)                       0            0            0            6          292

   VESSELS

      DIESEL FUEL                            2            3           21            6            7
      GASOLINE                               0            7           25         1010         3175
      TOTAL (VESSELS)                        2           10           46         1016         3182

   TOTAL (TRANSPORTATION)                 1666          276         3681         4175        31120

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                          4            0            1            6           34
   STRUCTURAL FIRES                         25            0            3           19          105
   GASOLINE STA EVAP LOSS                    0            0            0          434            0
   SOLVENT EVAPORATION LOSS                  0            0            0         6049            0
   UNPAVED ROADS                         18263            0            0            0            0
   TOTAL (MISCELLANEOUS)                 18292            0            4         6508          139

GRAND TOTAL
***********

   AREA SOURCES                          20535         1739         5204        11596        33213

   POINT SOURCES                         26981        34666         6977         1639          605

   TOTAL                                 47516        36405        12181        13235        33818
```

NATURAL GAS					
AREA SOURCES	17	1	200	13	34
TOTAL (COMM-INST)					
AREA SOURCES	92	347	303	16	51
TOTAL (EXTERNAL COMB)					
AREA SOURCES	345	2044	1607	303	284
POINT SOURCES	950	31470	25117	501	1362
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	1433	0	0	0	0
TOTAL (ELEC GEN)	1433	0	0	0	0
INDUSTRIAL FUEL					
DISTILLATE OIL	0	0	1	0	0
GASOLINE	0	0	0	1	16
TOTAL (INDUSTRIAL)	0	0	1	1	16
TOTAL (INTERNAL COMB)	1433	0	1	1	16
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	345	2044	1607	303	284
POINT SOURCES	2383	31470	25118	502	1378
NDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	114	0	17	189	0
FOOD/AGRICULTURAL	2880	0	0	0	0
MINERAL PRODUCTS	2627	0	0	0	0
TOTAL (INDUSTRIAL)	5621	0	17	189	0
OLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	155	2	5	436	1309
OPEN BURNING	316	12	80	426	1352
TOTAL (RESIDENTIAL)	471	14	85	862	2661
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	57	18	27	33	79
TOTAL (COMM-INST)					
AREA SOURCES	57	18	27	33	79
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	27	6	6	25	37
POINT SOURCES	1	0	0	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	27	6	6	25	37
POINT SOURCES	1	0	0	0	0
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	555	38	118	920	2777
POINT SOURCES	1	0	0	0	0

```
* C15 ***                                                                                                   *** C15 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

ATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   TUESDAY    JANUARY 26, 1982
*************************                                          AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
ATE:16 IOWA          AQCR:090 NORTHWEST IOWA                      POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                            PARTICULATES         SOX            NOX             HC              CO
                            ************    ************    ************    ************    ************
                             TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

EL COMBUSTION
*************

  EXTERNAL COMBUSTION

     RESIDENTIAL FUEL (AREA)

        BITUMINOUS COAL                3              16               0               3              16
        DISTILLATE OIL                24             260             162               9              45
        NATURAL GAS                   41               0             315              29              78
        WOOD                           9               0               0               2              63
        TOTAL (RESIDENTIAL)           77             276             477              43             202

     ELEC GENERATION (POINT)

        BITUMINOUS COAL              241            2486             736              40              24
        NATURAL GAS                    0               0              13               0               0
        TOTAL (ELEC GEN)             241            2486             749              40              24

     INDUSTRIAL FUEL

        BITUMINOUS COAL
           AREA SOURCES              184            1340             305              10              19
           POINT SOURCES               3               1               1               0               2
        RESIDUAL OIL
           AREA SOURCES                2              49              11               0               0
           POINT SOURCES               0               2               2               0               0
        DISTILLATE OIL
           AREA SOURCES                0              13              15               0               0
           POINT SOURCES               0              30              12               0               2
        NATURAL GAS
           AREA SOURCES                0               0             567             225              76
           POINT SOURCES               1               0             157               1               1
        LIQUID PETROL GAS
           POINT SOURCES               0               0               1               0               0
        TOTAL (INDUSTRIAL)
           AREA SOURCES              186            1402             898             235              95
           POINT SOURCES               4              33             173               1               5

     COMM-INSTITUTIONAL FUEL

        ANTHRACITE COAL
           AREA SOURCES               14              32              14               0               0
        BITUMINOUS COAL
           AREA SOURCES               46             158              28               0               4
        RESIDUAL OIL
           AREA SOURCES                4              78              20               0               0
        DISTILLATE OIL
           AREA SOURCES                1              58              44               0              12
```

```
** C16 ***                                                                                                    *** C16 ***
        DIESEL

            HEAVY DUTY VEHICLES             638           365          3677           380          1056
            OFF HIGHWAY                     101            84          1019           150           301
            RAIL                             58           134           862           221           305
            TOTAL (DIESEL)                  797           583          5558           751          1662

    AIRCRAFT

        CIVIL                                 0             0             0            24          1055
        TOTAL (AIRCRAFT)                      0             0             0            24          1055

    VESSELS

        GASOLINE                              0             1             7           289           908
        TOTAL (VESSELS)                       0             1             7           289           908

    TOTAL (TRANSPORTATION)                 4892           966         15353         13992        120912

ISCELLANEOUS (AREA)
*******************

    FOREST WILDFIRES                        109             0            25           152           884
    STRUCTURAL FIRES                         69             0             6            50           272
    GASOLINE STA EVAP LOSS                    0             0             0          1520             0
    SOLVENT EVAPORATION LOSS                  0             0             0          4445             0
    UNPAVED ROADS                        145920             0             0             0             0
    UNPAVED AIRSTRIPS                        16             0             0             0             0
    TOTAL (MISCELLANEOUS)                146114             0            31          6167          1156

RAND TOTAL
**********

    AREA SOURCES                         152210          2848         17263         21767        126936

    POINT SOURCES                          5942           853           165             8            21

    TOTAL                                158152          3701         17428         21775        126957
```

```
                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:17 KANSAS          AQCR:096 NORTH CENTRAL KANSAS               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES         SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 1                7                0                1                7
         DISTILLATE OIL                  2               49               32                0               14
         NATURAL GAS                    65                2              527               52              131
         TOTAL (RESIDENTIAL)            68               58              559               53              152

      ELEC GENERATION (POINT)

         RESIDUAL OIL                   10              136               44                0                2
         NATURAL GAS                     6                0              357                0               11
         TOTAL (ELEC GEN)               16              136              401                0               13

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                74              671              179                3               11
         RESIDUAL OIL
            AREA SOURCES                33              425              111                1                6
         DISTILLATE OIL
            AREA SOURCES                 5               56               70                2                8
         NATURAL GAS
            AREA SOURCES               100                3            10297             3697             1352
            POINT SOURCES               37                2             2425                4               65
         TOTAL (INDUSTRIAL)
            AREA SOURCES               212             1155            10657             3703             1377
            POINT SOURCES               37                2             2425                4               65

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 5               28                3                0                0
         RESIDUAL OIL
            AREA SOURCES                 1               27                7                0                0
         DISTILLATE OIL
            AREA SOURCES                 2               57               42                1                9
            POINT SOURCES                0                3                1                0                0
         NATURAL GAS
            AREA SOURCES                32                0              380               26               66
            POINT SOURCES                5                0               70                4               11
         TOTAL (COMM-INST)
            AREA SOURCES                40              112              432               27               75
            POINT SOURCES                5                3               71                4               11

      TOTAL (EXTERNAL COMB)
```

```
         HEAVY DUTY VEHICLES                 882          387         3514          482         1449
         OFF HIGHWAY                          71           59          716          106          213
         RAIL                                 41           95          615          157          217
         TOTAL (DIESEL)                      994          541         4845          745         1879

    AIRCRAFT

       MILITARY                                3            0            2            5           10
       CIVIL                                   1            0            2           41         1874
       COMMERCIAL                              5           11          100          111          248
       TOTAL (AIRCRAFT)                        9           11          104          157         2132

    VESSELS

       DIESEL FUEL                            70           87          645          170          226
       RESIDUAL OIL                           18          240           40            3            1
       GASOLINE                                0           49          184         7394        23232
       TOTAL (VESSELS)                        88          376          869         7567        23459

    TOTAL (TRANSPORTATION)                 18632         1685        23147        33357       253680

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        2602           23          613         3675        21434
    FOREST MANAGED BURNING                  5039           38         1009         4537        28229
    AGRICULTURAL BURNING                    4461            0          624         5271        29321
    STRUCTURAL FIRES                          99            0           11           75          405
    GASOLINE STA EVAP LOSS                     0            0            0         2662            0
    SOLVENT EVAPORATION LOSS                   0            0            0        10423            0
    UNPAVED ROADS                          37861            0            0            0            0
    UNPAVED AIRSTRIPS                         10            0            0            0            0
    TOTAL (MISCELLANEOUS)                  50072           61         2257        26643        79389

GRAND TOTAL
***********

    AREA SOURCES                           68841         2646        26064        60157       333330

    POINT SOURCES                           4066        31711        12471         1024         1013

    TOTAL                                  72907        34357        38535        61181       334343
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:    TUESDAY    JANUARY 26, 1982
*****************************                                   AREA EMISSIONS AS OF:    TUESDAY       JULY 21, 1981
STATE:11 GEORGIA         AQCR:049 JACKSONVILLE-BRUNSWICK       POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX              NOX              HC               CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                1              14               9               0               1
            NATURAL GAS                  16               0             136              12              36
            WOOD                        242               2               9              49            1737
            TOTAL (RESIDENTIAL)         259              16             154              61            1774

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 30            1031            2996              57              85
            OTHER                       268             154            1134             210             202
            TOTAL (ELEC GEN)            298            1185            4130             267             287

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES           809           19475            3222              58             273
            DISTILLATE OIL
                AREA SOURCES             27             267             325              18              44
                POINT SOURCES             0               2               1               0               0
            NATURAL GAS
                AREA SOURCES             16               0             577             117              66
                POINT SOURCES             6               0             381               1               9
            PROCESS GAS
                POINT SOURCES             8               0               0               1               0
            WOOD
                POINT SOURCES          1177             995            5546            1109            1109
            TOTAL (INDUSTRIAL)
                AREA SOURCES             43             267             902             135             110
                POINT SOURCES          2000           20472            9150            1169            1391

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              2               4               1               0               0
            DISTILLATE OIL
                AREA SOURCES              1              21              15               0               3
            NATURAL GAS
                AREA SOURCES              7               0              94               6              15
            TOTAL (COMM-INST)
                AREA SOURCES             10              25             110               6              18

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            312             308            1166             202            1902
                POINT SOURCES          2298           21657           13280            1436            1678
```

```
*** D04 ***
  AIRCRAFT

      MILITARY                          155          14          93         276         498
      CIVIL                               0           0           1          32        1523
      COMMERCIAL                          3           5          46          51         115
      TOTAL (AIRCRAFT)                  158          19         140         359        2136

  VESSELS

      GASOLINE                            0          13          47        1936        6082
      TOTAL (VESSELS)                     0          13          47        1936        6082

  TOTAL (TRANSPORTATION)              13321        1976       27973       24313      197624

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    989           6         233        1393        8131
    FOREST MANAGED BURNING             9480          72        1896        8530       53086
    AGRICULTURAL BURNING               1964           0         274        2322       12902
    STRUCTURAL FIRES                    132           0          13          97         533
    GASOLINE STA EVAP LOSS                0           0           0        3480           0
    SOLVENT EVAPORATION LOSS              0           0           0       18428           0
    UNPAVED ROADS                     86919           0           0           0           0
    UNPAVED AIRSTRIPS                     2           0           0           0           0
    TOTAL (MISCELLANEOUS)             99486          78        2416       34250       74652

GRAND TOTAL
***********

    AREA SOURCES                     114958        2441       32485       60738      283355

    POINT SOURCES                      4634       32254       29519        4535       22811

    TOTAL                            119592       34695       62004       65273      306166
```

```
*** DOS ***
            POINT SOURCES                  484          1517          1671            58           117

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                2087          9063           145           237           398
    FOOD/AGRICULTURAL                     1639             0             0             0             0
    MINERAL PRODUCTS                      1218          3306           824             0             0
    PETROLEUM STORAGE/TRANSPORT              0             0             0           212             0
    OTHER/NOT CLASSIFIED                    13             0             0             0             0
    TOTAL (INDUSTRIAL)                    4957         12369           969           449           398

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               281             4             8           784          2353
        OPEN BURNING                       470            18           121           633          2011
        TOTAL (RESIDENTIAL)                751            22           129          1417          4364

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 1             0             1             1             2
        TOTAL (COMM-INST)
                AREA SOURCES                 1             0             1             1             2

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES              287             5            44           478          5645
        TOTAL (INDUSTRIAL)
                POINT SOURCES              287             5            44           478          5645

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               752            22           130          1418          4366
                POINT SOURCES              287             5            44           478          5645

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           3186           137          2466          6528         71048
            LIGHT DUTY TRUCKS             1678           105          1702          4154         41342
            HEAVY DUTY VEHICLES            315            30           697          1532         26251
            OFF HIGHWAY                     37            20           385          1387         14878
            TOTAL (GASOLINE)              5216           292          5250         13601        153519

        DIESEL

            HEAVY DUTY VEHICLES            742           346          3407           899          2024
            OFF HIGHWAY                    322           268          3222           475           956
            RAIL                           117           263          1711           434           601
            TOTAL (DIESEL)                1181           877          8340          1808          3581

    AIRCRAFT

        MILITARY                             3             0             1             5             9
        CIVIL                                0             0             0            25          1212
        COMMERCIAL                           5            10            95           106           236
        TOTAL (AIRCRAFT)                     8            10            96           136          1457
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        ********************************

STATE EMISSIONS REPORT                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE 14:ILLINOIS                                          POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                             PARTICULATES         SOX             NOX              HC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL          398            1523              51             398            1797
            DISTILLATE OIL           366            4217            2639             139             734
            NATURAL GAS             2598             146           20760            2077            5193
            TOTAL (RESIDENTIAL)     3362            5886           23450            2614            7724

        ELEC GENERATION (POINT)

            BITUMINOUS COAL       160768         1370746          569708            5810           19354
            RESIDUAL OIL            1765           30826           30415             286            1408
            DISTILLATE OIL           147            1795            2176              56             238
            NATURAL GAS              568           22004           51616              18             181
            OTHER                      2               0               2               0               0
            TOTAL (ELEC GEN)      163250         1425371          653917            6170           21181

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        8309           47884           12613             373             813
                POINT SOURCES      44878           59900           17160             591            1358
            LIGNITE
                POINT SOURCES         67             103              22               0               1
            RESIDUAL OIL
                POINT SOURCES       2114           27111           11764             246             744
            DISTILLATE OIL
                POINT SOURCES        327            5148            3908             151             453
            NATURAL GAS
                AREA SOURCES         548              28           15784            2673            1752
                POINT SOURCES        937            1437           19006             464            1212
            PROCESS GAS
                POINT SOURCES        316            6684             980             167              80
            COKE
                POINT SOURCES          0             116              63               1               3
            WOOD
                POINT SOURCES          0               0               0               0               6
            OTHER
                POINT SOURCES          6              29              72               2              12
            TOTAL (INDUSTRIAL)
                AREA SOURCES        8857           47912           28397            3046            2565
                POINT SOURCES      48645          100528           52975            1622            3869

        COMM-INSTITUTIONAL FUEL
```

```
  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
              POINT SOURCES                 37            17            59            10            32
     TOTAL (COMM-INST)
              POINT SOURCES                 37            17            59            10            32

  INDUSTRIAL

     ON SITE INCINERATION
              POINT SOURCES                 82            44            29            53           231
     TOTAL (INDUSTRIAL)
              POINT SOURCES                 82            44            29            53           231

  TOTAL (SOLID WASTE DISP)
              AREA SOURCES                5318           117           521         12632         38263
              POINT SOURCES                153            64            91            65           301

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES             139597          4193         95623        152600       1494904
        LIGHT DUTY TRUCKS                12734           547         11926         17875        151512
        HEAVY DUTY VEHICLES               5430           381         12068         19054        263509
        OFF HIGHWAY                        295           158          2938         10579        113427
        TOTAL (GASOLINE)                158056          5279        122555        200108       2023352

     DIESEL

        HEAVY DUTY VEHICLES              16788          6405         63730         10054         28263
        OFF HIGHWAY                        429           359          4339           637          1285
        RAIL                              2362          5384         34939          8877         12274
        TOTAL (DIESEL)                   19579         12148        103008         19568         41822

  AIRCRAFT

     MILITARY                              178            16           106           316           568
     CIVIL                                   8             4            11           169          7759
     COMMERCIAL                            173           380          3549          3971          8855
     TOTAL (AIRCRAFT)                      359           400          3666          4456         17182

  VESSELS

     DIESEL FUEL                             6             9            61            17            22
     GASOLINE                                0             7            23           933          2927
     TOTAL (VESSELS)                         6            16            84           950          2949

  TOTAL (TRANSPORTATION)                178000         17843        229313        225082       2085305

MISCELLANEOUS (AREA)
********************

  STRUCTURAL FIRES                        2030             4           241          1521          8262
  GASOLINE STA EVAP LOSS                     0             0             0         28248             0
  SOLVENT EVAPORATION LOSS                   0             0             0        253537             0
  UNPAVED ROADS                         109882             0             0             0             0
  UNPAVED AIRSTRIPS                         36             0             0             0             0
  TOTAL (MISCELLANEOUS)                 111948             4           241        283306          8262

GRAND TOTAL
***********
```

```
     TOTAL (EXTERNAL COMB)
             AREA SOURCES            462        2451        1633         141         243
            POINT SOURCES            860       42884        7263         154         464

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL               37         299         541          45         149
         TOTAL (ELEC GEN)             37         299         541          45         149

      TOTAL (INTERNAL COMB)           37         299         541          45         149

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES            462        2451        1633         141         243
            POINT SOURCES            897       43183        7804         199         613

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING           6436        9704           2         437           0
   FOOD/AGRICULTURAL                5817           0           0           0           0
   PRIMARY METAL                      76          79        3819          84         840
   SECONDARY METALS                   14           0          20           7           1
   MINERAL PRODUCTS                 4385        8360        2967         121          19
   WOOD PRODUCTS                     139           0           0           0           0
   ORGANIC SOLVENT EVAPORATION        38           0           0        1206           0
   PETROLEUM STORAGE/TRANSPORT        54           0           0         218           0
   METAL FABRICATION                   2           0           0           0           0
   TOTAL (INDUSTRIAL)              16961       18143        6808        2073         860

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION           267           4           9         750        2253
      OPEN BURNING                   504          19         129         680        2157
      TOTAL (RESIDENTIAL)            771          23         138        1430        4410

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES              3           1           1           1           4
      TOTAL (INDUSTRIAL)
            POINT SOURCES              3           1           1           1           4

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES            771          23         138        1430        4410
            POINT SOURCES              3           1           1           1           4

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        3889         187        4459        5638       48113
         LIGHT DUTY TRUCKS           922          64        1421        1651       12344
         HEAVY DUTY VEHICLES         358          35        1247        1338       18423
         OFF HIGHWAY                  49          25         484        1738       18647
         TOTAL (GASOLINE)           5218         311        7611       10365       97527

      DIESEL
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:   TUESDAY     JANUARY 26, 1982
******************************                                       AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:14 ILLINOIS        AQCR:075 WEST CENTRAL ILLINOIS             POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                PARTICULATES        SOX            NOX            HC             CO
                                ************   ************   ************   ************   ************
                                 TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              7             33              0              7             39
            DISTILLATE OIL              12            156             96              4             28
            NATURAL GAS                175              8           1391            140            349
            TOTAL (RESIDENTIAL)        194            197           1487            151            416

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          36149         415018          98018            960           3203
            RESIDUAL OIL                91           1111           1334             13             64
            DISTILLATE OIL               5            103             82              3             14
            TOTAL (ELEC GEN)         36245         416232          99434            976           3281

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           371           2151            569             17             34
                POINT SOURCES         1826           3807            550             37             73
            RESIDUAL OIL
                POINT SOURCES          181           2324           1051             13             64
            DISTILLATE OIL
                POINT SOURCES           56            705            502             19             86
            NATURAL GAS
                AREA SOURCES            31              1            931            157            104
                POINT SOURCES          347             12           1873             60             79
            TOTAL (INDUSTRIAL)
                AREA SOURCES           402           2152           1500            174            138
                POINT SOURCES         2410           6848           3976            129            302

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            19             51             20              0              1
            BITUMINOUS COAL
                POINT SOURCES          320           3057            325             21             43
            RESIDUAL OIL
                AREA SOURCES            58            788            200              2             16
                POINT SOURCES            1             17            126              2             11
            DISTILLATE OIL
                AREA SOURCES             4             75             59              2             14
                POINT SOURCES            1             17             70              2              0
            NATURAL GAS
                AREA SOURCES            50              2            588             38             99
```

POINT SOURCES	0	5	1	0	0
NATURAL GAS					
AREA SOURCES	31	1	375	25	63
POINT SOURCES	1	0	23	0	2
TOTAL (COMM-INST)					
AREA SOURCES	105	1074	710	33	107
POINT SOURCES	718	2290	342	18	44
TOTAL (EXTERNAL COMB)					
AREA SOURCES	3056	18621	6698	280	1238
POINT SOURCES	3463	23134	5707	176	409
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	7	0	2529	1041	320
TOTAL (INDUSTRIAL)	7	0	2529	1041	320
TOTAL (INTERNAL COMB)	7	0	2529	1041	320
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	3056	18621	6698	280	1238
POINT SOURCES	3470	23134	8236	1217	729
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	21	0	0	205	0
FOOD/AGRICULTURAL	1403	0	0	2	13
PRIMARY METAL	59	0	0	0	11
SECONDARY METALS	805	6	74	58	6416
MINERAL PRODUCTS	2397	2086	180	181	53
WOOD PRODUCTS	2	0	0	0	0
ORGANIC SOLVENT EVAPORATION	99	0	0	11761	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	491	0
METAL FABRICATION	146	0	0	1	0
OTHER/NOT CLASSIFIED	13	75	109	1	9
TOTAL (INDUSTRIAL)	4945	2167	363	12700	6502
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	448	7	14	1260	3784
OPEN BURNING	896	33	230	1209	3832
TOTAL (RESIDENTIAL)	1344	40	244	2469	7616
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	105	33	51	61	144
OPEN BURNING					
AREA SOURCES	4	0	0	8	16
TOTAL (COMM-INST)					
AREA SOURCES	109	33	51	69	160
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	56	11	11	50	75
OPEN BURNING					
AREA SOURCES	30	0	10	50	180
TOTAL (INDUSTRIAL)					

```
*** D11 ***                                                                                               *** D11 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT                                                 RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:15 INDIANA      AQCR:080 METROPOLITAN INDIANAPOLIS     POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                               PARTICULATES        SOX            NOX             HC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                2              5              1              1             21
         DISTILLATE OIL                92           1052            657             37            183
         NATURAL GAS                  179             10           1430            143            358
         WOOD                          83              1              4             18            585
         TOTAL (RESIDENTIAL)          356           1068           2092            199           1147

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             1852          93531          22540            407           1292
         DISTILLATE OIL                 1             66            136              0              7
         NATURAL GAS                    0              0             61              0              1
         TOTAL (ELEC GEN)            1853          93597          22737            407           1300

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             3647          23109           4866            147            317
            POINT SOURCES           10318          10080           2753            190            380
         RESIDUAL OIL
            AREA SOURCES               22            315             79              1              6
            POINT SOURCES             174           1114            322              1             29
         DISTILLATE OIL
            AREA SOURCES               22            204            247             12             35
            POINT SOURCES              23            127            112              7             13
         NATURAL GAS
            AREA SOURCES               93              5           1680             28            159
            POINT SOURCES              29            151            345              4             28
         WOOD
            POINT SOURCES              16             10             53             17             15
         OTHER
            POINT SOURCES               1             53             23              0              4
         TOTAL (INDUSTRIAL)
            AREA SOURCES             3784          23633           6872            188            517
            POINT SOURCES           10561          11535           3608            219            469

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                0              1              0              0              0
         BITUMINOUS COAL
            POINT SOURCES            1975           2748            864            106             65
         RESIDUAL OIL
```

```
*** D12 ***                                                                                    *** D12 ***
        OPEN BURNING
                AREA SOURCES                 20            0            5           28          110
                POINT SOURCES                 4            0            1            7           19
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 58            7           12           60          158
                POINT SOURCES                 5            1            2            8           24

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               1492           67          306         2574         7853
                POINT SOURCES                 5            1            2            8           24

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            7940          443        10924        13605       109550
            LIGHT DUTY TRUCKS              2730          217         4988         5598        39615
            HEAVY DUTY VEHICLES             579           68         2361         2341        31930
            OFF HIGHWAY                      88           48          865         3118        33438
            TOTAL (GASOLINE)              11337          776        19138        24662       214533

        DIESEL

            HEAVY DUTY VEHICLES            1463          775         7588          845         2382
            OFF HIGHWAY                     262          221         2645          388          785
            RAIL                            207          468         3043          773         1070
            TOTAL (DIESEL)                 1932         1464        13276         2006         4237

    AIRCRAFT

        MILITARY                              2            0            1            3            5
        CIVIL                                 0            0            0           26         1270
        COMMERCIAL                            2            5           50           56          126
        TOTAL (AIRCRAFT)                      4            5           51           85         1401

    VESSELS

        GASOLINE                              0            4           18          755         2369
        TOTAL (VESSELS)                       0            4           18          755         2369

    TOTAL (TRANSPORTATION)                13273         2249        32483        27508       222540

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         40            0            8           58          328
    STRUCTURAL FIRES                        247            0           29          183          986
    GASOLINE STA EVAP LOSS                    0            0            0         2769            0
    SOLVENT EVAPORATION LOSS                  0            0            0        27219            0
    UNPAVED ROADS                         11615            0            0            0            0
    TOTAL (MISCELLANEOUS)                 11902            0           37        30229         1314

GRAND TOTAL
***********

    AREA SOURCES                          29288        14192        37651        60657       237568

    POINT SOURCES                         13163       287550        62096         8197         2986

    TOTAL                                 42451       301742        99747        68854       240554
```

```
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          2066          87        2143        3120       27128
         LIGHT DUTY TRUCKS             594          36         804        1052        8192
         HEAVY DUTY VEHICLES           191          20         682         739       10106
         OFF HIGHWAY                    32          17         322        1158       12413
         TOTAL (GASOLINE)             2883         160        3951        6069       57839

      DIESEL

         HEAVY DUTY VEHICLES           712         332        3317         421        1176
         OFF HIGHWAY                    58          48         582          86         172
         RAIL                           39          89         578         146         203
         TOTAL (DIESEL)                809         469        4477         653        1551

   AIRCRAFT

      MILITARY                          33           3          20          58         105
      CIVIL                              0           0           0          11         489
      COMMERCIAL                         4           8          77          86         193
      TOTAL (AIRCRAFT)                  37          11          97         155         787

   VESSELS

      GASOLINE                           0           1           3         112         353
      TOTAL (VESSELS)                    0           1           3         112         353

   TOTAL (TRANSPORTATION)             3729         641        8528        6989       60530

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      4           0           1           6          38
   STRUCTURAL FIRES                     44           0           6          33         181
   GASOLINE STA EVAP LOSS                0           0           0         808           0
   SOLVENT EVAPORATION LOSS              0           0           0        4401           0
   UNPAVED ROADS                     50893           0           0           0           0
   TOTAL (MISCELLANEOUS)             50941           0           7        5248         219

GRAND TOTAL
***********

   AREA SOURCES                      55570        2723       10260       13460       63810

   POINT SOURCES                      8005       31470       25135         691        1378

   TOTAL                             63575       34193       35395       14151       65188
```

POINT SOURCES	1	14	7	0	2
NATURAL GAS					
AREA SOURCES	17	0	181	13	30
POINT SOURCES	0	0	29	0	3
TOTAL (COMM-INST)					
AREA SOURCES	82	326	287	13	46
POINT SOURCES	1	14	36	0	5
TOTAL (EXTERNAL COMB)					
AREA SOURCES	345	2004	1662	291	343
POINT SOURCES	246	2533	958	41	34
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	2	34	33	3	7
OTHER	0	0	1	0	0
TOTAL (ELEC GEN)	2	34	34	3	[illegible]
TOTAL (INTERNAL COMB)	2	34	34	3	[illegible]
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	345	2004	1662	291	343
POINT SOURCES	248	2567	992	44	41
INDUSTRIAL PROCESS (POINT)					
***************************					
FOOD/AGRICULTURAL	30006	0	0	1	7
MINERAL PRODUCTS	1040	0	0	0	0
TOTAL (INDUSTRIAL)	31046	0	0	1	7
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	1	0	0	0	0
TOTAL (GOVERNMENT)	1	0	0	0	0
RESIDENTIAL (AREA)					
ON SITE INCINERATION	174	0	4	490	1469
OPEN BURNING	292	11	75	394	1247
TOTAL (RESIDENTIAL)	466	11	79	884	2716
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	61	18	30	35	82
TOTAL (COMM-INST)					
AREA SOURCES	61	18	30	35	82
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	29	9	9	22	33
TOTAL (INDUSTRIAL)					
AREA SOURCES	29	9	9	22	33
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	556	38	118	941	2831
POINT SOURCES	1	0	0	0	0

```
                 AREA SOURCES                320           1325          11648           3783           1604
                 POINT SOURCES                58            141           2897              8             89

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                      10             23            142             11             33
          NATURAL GAS                          5              0            516            179             78
          TOTAL (ELEC GEN)                    15             23            658            190            111

       INDUSTRIAL FUEL

          NATURAL GAS                          1              1          13098           5209           1806
          TOTAL (INDUSTRIAL)                   1              1          13098           5209           1806

       TOTAL (INTERNAL COMB)                  16             24          13756           5399           1917

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES                320           1325          11648           3783           1604
                 POINT SOURCES                74            165          16653           5407           2006

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                      15239              0              0              0              0
    SECONDARY METALS                          26              0              0              0              0
    MINERAL PRODUCTS                        1897             93            151              2              7
    PETROLEUM INDUSTRY                       930           1758           2230            302            530
    ORGANIC SOLVENT EVAPORATION                0              0              0             63              0
    PETROLEUM STORAGE/TRANSPORT                0              0              0           2285              0
    TOTAL (INDUSTRIAL)                     18092           1851           2381           2652            537

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       OPEN BURNING                          724             30            189            981           3105
       TOTAL (RESIDENTIAL)                   724             30            189            981           3105

    COMMERCIAL-INSTITUTIONAL

       OPEN BURNING
                 AREA SOURCES                  8              0              2             14             34
       TOTAL (COMM-INST)
                 AREA SOURCES                  8              0              2             14             34

    INDUSTRIAL

       OPEN BURNING
                 AREA SOURCES                  9              0              3             14             55
       TOTAL (INDUSTRIAL)
                 AREA SOURCES                  9              0              3             14             55

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES                741             30            194           1009           3194

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE
```

```
*** D18 ***                                                                                                   *** D18 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

STATE/AQCR EMISSIONS REPORT                                                           RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                               AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:17 KANSAS         AQCR:100 SOUTHWEST KANSAS                         POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                     PARTICULATES        SOX              NOX              HC               CO
                                     ************    ************     ************     ************     ************
                                      TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                    0               6                4                0                2
            NATURAL GAS                      42               0              318               34               79
            TOTAL (RESIDENTIAL)              42               6              322               34               81

        ELEC GENERATION (POINT)

            RESIDUAL OIL                     36             431              381                3               18
            NATURAL GAS                      86               3             5921                8              147
            TOTAL (ELEC GEN)                122             434             6302               11              165

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 32             274               71                1                4
            RESIDUAL OIL
                AREA SOURCES                 11             170               42                0                3
            DISTILLATE OIL
                AREA SOURCES                  2              23               29                1                4
            NATURAL GAS
                AREA SOURCES                 44               3             4727             1699              620
                POINT SOURCES                30               1             1466                7               52
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 89             470             4869             1701              631
                POINT SOURCES                30               1             1466                7               52

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                  3              13                2                0                0
            RESIDUAL OIL
                AREA SOURCES                  0              12                3                0                0
            DISTILLATE OIL
                AREA SOURCES                  0              29               22                0                3
            NATURAL GAS
                AREA SOURCES                 17               0              223               13               37
            TOTAL (COMM-INST)
                AREA SOURCES                 20              54              250               13               40

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                151             530             5441             1748              752
                POINT SOURCES               152             435             7768               18              217

    INTERNAL COMBUSTION (POINT)
```

*** E01 ***

```
*** E02 ***                                                                                              *** E02 ***
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              312            308             1166             202             1902
                POINT SOURCES            2298          21657            13280            1436             1678

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                214              0                0             529                0
    MINERAL PRODUCTS                      495             18                0               0                0
    WOOD PRODUCTS                        2105           4438             1678              55            47716
    ORGANIC SOLVENT EVAPORATION             0              0                0             208                0
    OTHER/NOT CLASSIFIED                    4             77                0               0                0
    TOTAL (INDUSTRIAL)                   2818           4533             1678             792            47716

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                      654             27              169             885             2801
        TOTAL (RESIDENTIAL)               654             27              169             885             2801

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                4              0                3               3                6
        TOTAL (COMM-INST)
                AREA SOURCES                4              0                3               3                6

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES               1              3                4               4                0
        OPEN BURNING
                AREA SOURCES               33              1                9              55              200
        TOTAL (INDUSTRIAL)
                AREA SOURCES               33              1                9              55              200
                POINT SOURCES               1              3                4               4                0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              691             28              181             943             3007
                POINT SOURCES               1              3                4               4                0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          3353            168             3859            4934            40593
            LIGHT DUTY TRUCKS            1030             74             1663            1914            13647
            HEAVY DUTY VEHICLES           272             31              968            1015            13953
            OFF HIGHWAY                    23             12              229             820             8776
            TOTAL (GASOLINE)             4678            285             6719            8683            76969

        DIESEL

            HEAVY DUTY VEHICLES           730            373             3555             415             1206
            OFF HIGHWAY                   175            145             1762             259              523
            RAIL                           29             63              405             102              143
            TOTAL (DIESEL)                934            581             5722             776             1872

    AIRCRAFT
```

```
*** E03 ***                                                                                                      *** E03 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ******************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                           AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:11 GEORGIA        AQCR:056 METROPOLITAN ATLANTA                POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                                      PARTICULATES         SOX               NOX              HC                CO
                                      ************     ************      ************     ************     ************
                                       TONS / YR        TONS / YR         TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                    4               49                29                1                7
            NATURAL GAS                     226               11              1794              179              447
            WOOD                            621               10                27              127             4446
            TOTAL (RESIDENTIAL)             851               70              1850              307             4900

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                6736           305170             35809              598             1989
            RESIDUAL OIL                     14               84                83                3                3
            DISTILLATE OIL                    4              151               423                0               11
            NATURAL GAS                     120              281              2665               21               69
            OTHER                            92              149               686              182              158
            TOTAL (ELEC GEN)               6966           305835             39666              804             2230

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                16               24                 9                1                1
            RESIDUAL OIL
                POINT SOURCES                26              474                86                1                7
            DISTILLATE OIL
                AREA SOURCES                 93              928              1127               59              161
                POINT SOURCES                 7               86                20                2                4
            NATURAL GAS
                AREA SOURCES                105                4              3451              710              397
                POINT SOURCES                94               46              1023               15               61
            LIQUID PETROL GAS
                POINT SOURCES                 1                0                 0                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                198              932              4578              769              558
                POINT SOURCES               144              630              1138               19               73

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 57              102                40                3                7
            DISTILLATE OIL
                AREA SOURCES                 27              443               338               16               77
            NATURAL GAS
                AREA SOURCES                162                8              1951              132              326
            TOTAL (COMM-INST)
                AREA SOURCES                246              553              2329              151              410
```

```
    VESSELS

        GASOLINE                               0            6           22          938         2951
        TOTAL (VESSELS)                        0            6           22          938         2951

    TOTAL (TRANSPORTATION)                  6405         1185        13708        16483       161508

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        3100           30          729         4375        25528
    FOREST MANAGED BURNING                 10368           78         2074         9330        58058
    AGRICULTURAL BURNING                      17            0            2           19          114
    STRUCTURAL FIRES                          58            0            5           42          234
    GASOLINE STA EVAP LOSS                     0            0            0         1456            0
    SOLVENT EVAPORATION LOSS                   0            0            0         5311            0
    UNPAVED ROADS                          62079            0            0            0            0
    UNPAVED AIRSTRIPS                         21            0            0            0            0
    TOTAL (MISCELLANEOUS)                  75643          108         2810        20533        83934

GRAND TOTAL
***********

    AREA SOURCES                           83409         3479        20806        39644       251504

    POINT SOURCES                           5728        13891         2684          985         6160

    TOTAL                                  89137        17370        23490        40629       257664
```

ANTHRACITE COAL					
AREA SOURCES	314	776	328	0	24
POINT SOURCES	57	146	1	0	0
BITUMINOUS COAL					
POINT SOURCES	1002	6600	834	52	109
LIGNITE					
POINT SOURCES	105	243	10	25	112
RESIDUAL OIL					
AREA SOURCES	1084	15109	3803	53	310
POINT SOURCES	213	2779	1431	19	101
DISTILLATE OIL					
AREA SOURCES	91	1464	1117	44	249
POINT SOURCES	11	197	150	3	13
NATURAL GAS					
AREA SOURCES	453	20	5371	353	902
POINT SOURCES	191	9	11198	46	335
TOTAL (COMM-INST)					
AREA SOURCES	1942	17369	10619	450	1485
POINT SOURCES	1579	9974	13624	145	670
TOTAL (EXTERNAL COMB)					
AREA SOURCES	14161	71167	62466	6110	11774
POINT SOURCES	213474	1535873	720516	7937	25720
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	546	3766	10914	706	2296
NATURAL GAS	10	2	330	33	91
OTHER	0	0	622	0	0
TOTAL (ELEC GEN)	556	3768	11866	739	2387
INDUSTRIAL FUEL					
DISTILLATE OIL	22	22	304	32	101
NATURAL GAS	24	46	10344	3179	1154
TOTAL (INDUSTRIAL)	46	68	10648	3211	1255
TOTAL (INTERNAL COMB)	602	3836	22514	3950	3642
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	14161	71167	62466	6110	11774
POINT SOURCES	214076	1539709	743030	11887	29362
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	17555	15987	2059	17202	36478
FOOD/AGRICULTURAL	133806	343	22	5536	43
PRIMARY METAL	25818	12941	9826	4388	244352
SECONDARY METALS	8732	2382	2203	162	8926
MINERAL PRODUCTS	46391	26669	8042	864	958
PETROLEUM INDUSTRY	4386	67643	19568	11034	1349
WOOD PRODUCTS	1394	0	0	23	0
ORGANIC SOLVENT EVAPORATION	1401	81	1455	137943	904
PETROLEUM STORAGE/TRANSPORT	1747	0	31	42018	1
METAL FABRICATION	1115	140	445	816	3
OTHER/NOT CLASSIFIED	11499	5101	1227	245	56
TOTAL (INDUSTRIAL)	253842	131287	44878	220231	293070
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					

*** E07 ***

AREA SOURCES	304565	66122	269056	524891	2139418
POINT SOURCES	127520	236472	228027	115317	102035
TOTAL	432085	302594	497083	640208	2241453

```
         HEAVY DUTY VEHICLES            941            445            4377            546            1536
         OFF HIGHWAY                    146            122            1467            215             435
         RAIL                            70            158            1027            262             360
         TOTAL (DIESEL)                1157            725            6871           1023            2331

   AIRCRAFT

      CIVIL                               0              0               1             16             784
      TOTAL (AIRCRAFT)                    0              0               1             16             784

   VESSELS

      DIESEL FUEL                         6              8              59             17              21
      GASOLINE                            0              7              22            906            2846
      TOTAL (VESSELS)                     6             15              81            923            2867

   TOTAL (TRANSPORTATION)              6381           1051           14564          12327          103509

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                      59              0               7             44             243
   GASOLINE STA EVAP LOSS                 0              0               0           1271               0
   SOLVENT EVAPORATION LOSS               0              0               0           7824               0
   UNPAVED ROADS                      11016              0               0              0               0
   TOTAL (MISCELLANEOUS)              11075              0               7           9139             243

GRAND TOTAL
***********

   AREA SOURCES                       18689           3525           16342          23037          108405

   POINT SOURCES                      17861          61327           14613           2273            1477

   TOTAL                              36550          64852           30955          25310          109882
```

```
                   POINT SOURCES            0          0          3          0          0
             TOTAL (COMM-INST)
                   AREA SOURCES           131        916        867         42        130
                   POINT SOURCES          322       3091        524         25         54

         TOTAL (EXTERNAL COMB)
                   AREA SOURCES           727       3265       3854        367        684
                   POINT SOURCES        38977     426171     103934       1130       3637

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL                 0          3          2          0          0
             TOTAL (ELEC GEN)               0          3          2          0          0

         TOTAL (INTERNAL COMB)              0          3          2          0          0

     TOTAL (FUEL COMBUSTION)

                   AREA SOURCES           727       3265       3854        367        684
                   POINT SOURCES        38977     426174     103936       1130       3637

 INDUSTRIAL PROCESS (POINT)
 **************************

     CHEMICAL MANUFACTURING              1152          0          8       6999          0
     FOOD/AGRICULTURAL                  15794         25         21       4112         40
     PRIMARY METAL                         35          0          1          4          0
     SECONDARY METALS                    1063          0          1         18          0
     MINERAL PRODUCTS                    5697        102        186          0          4
     WOOD PRODUCTS                         26          0          0          0          0
     ORGANIC SOLVENT EVAPORATION           20          0          0       1394          0
     PETROLEUM STORAGE/TRANSPORT            0          0          0        333          0
     METAL FABRICATION                    225          0          0          0          0
     OTHER/NOT CLASSIFIED                8904          0          0          0          0
     TOTAL (INDUSTRIAL)                 32916        127        217      12860         44

 SOLID WASTE DISPOSAL
 ********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION             821         12         26       2310       6930
         OPEN BURNING                    1169         43        299       1579       5000
         TOTAL (RESIDENTIAL)             1990         55        325       3889      11930

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                   POINT SOURCES            4          1          2          2          6
         TOTAL (COMM-INST)
                   POINT SOURCES            4          1          2          2          6

     INDUSTRIAL

         ON SITE INCINERATION
                   POINT SOURCES          187          0          0          0          0
         TOTAL (INDUSTRIAL)
                   POINT SOURCES          187          0          0          0          0

     TOTAL (SOLID WASTE DISP)
                   AREA SOURCES          1990         55        325       3889      11930
                   POINT SOURCES          191          1          2          2          6

 TRANSPORTATION (AREA)
```

```
                 AREA SOURCES              86          11          21         100         255

   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            1539          84         316        2638        8031

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            10215         407        9795       14138      125415
         LIGHT DUTY TRUCKS               2757         154        3502        4744       37062
         HEAVY DUTY VEHICLES              547          47        1604        2146       28783
         OFF HIGHWAY                       56          30         564        2027       21736
         TOTAL (GASOLINE)               13575         638       15465       23055      212996

      DIESEL

         HEAVY DUTY VEHICLES             1311         580        5826         805        2266
         OFF HIGHWAY                      233         195        2347         344         695
         RAIL                             181         413        2684         682         943
         TOTAL (DIESEL)                  1725        1188       10857        1831        3904

   AIRCRAFT

      MILITARY                              2           0           1           4           7
      CIVIL                                 0           0           1          27        1209
      COMMERCIAL                            2           4          39          44          97
      TOTAL (AIRCRAFT)                      4           4          41          75        1313

   VESSELS

      GASOLINE                              0           1           5         185         581
      TOTAL (VESSELS)                       0           1           5         185         581

   TOTAL (TRANSPORTATION)               15304        1831       26368       25146      218794

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                       159           0          20         118         642
   GASOLINE STA EVAP LOSS                   0           0           0        2898           0
   SOLVENT EVAPORATION LOSS                 0           0           0       28846           0
   UNPAVED ROADS                         9128           0           0           0           0
   TOTAL (MISCELLANEOUS)                 9287           0          20       31862         642

GRAND TOTAL
***********

   AREA SOURCES                         29186       20536       33402       59926      228705

   POINT SOURCES                         8415       25301        8599       13917        7231

   TOTAL                                37601       45837       42001       73843      235936
```

AREA SOURCES	216	3017	760	11	62
DISTILLATE OIL					
AREA SOURCES	29	414	315	14	71
POINT SOURCES	0	22	32	3	2
NATURAL GAS					
AREA SOURCES	101	5	1205	80	201
POINT SOURCES	3	0	27	0	6
OTHER					
POINT SOURCES	0	0	8	0	2
TOTAL (COMM-INST)					
AREA SOURCES	346	3437	2280	105	334
POINT SOURCES	1978	2770	931	109	75
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4486	28138	11244	492	1998
POINT SOURCES	14392	107902	27276	735	1844
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	3	32	50	3	12
TOTAL (ELEC GEN)	3	32	50	3	12
INDUSTRIAL FUEL					
DISTILLATE OIL	6	6	99	8	22
NATURAL GAS	15	1	5270	2170	666
GASOLINE	0	0	1	1	24
OTHER	0	0	4	0	1
TOTAL (INDUSTRIAL)	21	7	5374	2179	713
ENGINE-TESTING					
TOTAL (ENG TESTNG)	15	17	19	60	43
TOTAL (INTERNAL COMB)	39	56	5443	2242	768
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4486	28138	11244	492	1998
POINT SOURCES	14431	107958	32719	2977	2612
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	1440	0	144	1031	0
FOOD/AGRICULTURAL	2113	0	0	6552	0
PRIMARY METAL	179	92	0	66	17
SECONDARY METALS	2283	2057	10	74	36483
MINERAL PRODUCTS	2815	182	489	618	157
PETROLEUM INDUSTRY	423	13286	2003	2021	146
WOOD PRODUCTS	15	0	0	225	0
ORGANIC SOLVENT EVAPORATION	63	0	38	13651	80
PETROLEUM STORAGE/TRANSPORT	0	0	0	1047	0
METAL FABRICATION	2	0	0	0	0
OTHER/NOT CLASSIFIED	2	0	5	45	0
TOTAL (INDUSTRIAL)	9335	15617	2689	25330	36883
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	2424	41	204	40	1452
TOTAL (GOVERNMENT)	2424	41	204	40	1452

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT
STATE:16 IOWA   AQCR:068 METROPOLITAN DUBUQUE

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	6	23	0	6	27
DISTILLATE OIL	19	214	133	8	37
NATURAL GAS	20	1	162	16	41
WOOD	51	0	2	11	360
TOTAL (RESIDENTIAL)	96	238	297	41	465
ELEC GENERATION (POINT)					
BITUMINOUS COAL	9898	14682	2675	45	149
DISTILLATE OIL	0	4	2	0	0
NATURAL GAS	6	0	517	1	13
TOTAL (ELEC GEN)	9904	14686	3194	46	162
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	103	655	172	6	11
POINT SOURCES	414	1604	416	39	51
RESIDUAL OIL					
AREA SOURCES	4	68	18	0	1
DISTILLATE OIL					
AREA SOURCES	1	9	12	0	1
POINT SOURCES	4	29	13	1	3
NATURAL GAS					
AREA SOURCES	1	0	464	185	63
POINT SOURCES	2	0	534	3	15
LIQUID PETROL GAS					
POINT SOURCES	2	0	2	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	109	732	666	191	76
POINT SOURCES	422	1633	965	43	69
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	11	28	12	0	1
BITUMINOUS COAL					
AREA SOURCES	41	131	26	2	6
POINT SOURCES	1	5	0	0	1
RESIDUAL OIL					
AREA SOURCES	5	54	14	0	1
DISTILLATE OIL					

```
*** E15 ***                                                                                              *** E15 ***
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          1692           114          2878          3402         25811
            LIGHT DUTY TRUCKS             569            55          1241          1269          8628
            HEAVY DUTY VEHICLES           293            40          1392          1229         16734
            OFF HIGHWAY                    73            39           727          2618         28067
            TOTAL (GASOLINE)             2627           248          6238          8518         79240

        DIESEL

            HEAVY DUTY VEHICLES           567           325          3243           327           911
            OFF HIGHWAY                    77            65           779           114           231
            RAIL                           42            99           632           162           223
            TOTAL (DIESEL)                686           489          4654           603          1365

    AIRCRAFT

        CIVIL                               0             0             0            18           799
        TOTAL (AIRCRAFT)                    0             0             0            18           799

    VESSELS

        GASOLINE                            0             8            37          1458          4584
        TOTAL (VESSELS)                     0             8            37          1458          4584

    TOTAL (TRANSPORTATION)               3313           745         10929         10597         85988

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        8             0             0            10            61
    STRUCTURAL FIRES                       50             0             5            38           203
    GASOLINE STA EVAP LOSS                  0             0             0          1103             0
    SOLVENT EVAPORATION LOSS                0             0             0          4133             0
    UNPAVED ROADS                       93777             0             0             0             0
    TOTAL (MISCELLANEOUS)               93835             0             5          5284           264

GRAND TOTAL
***********

    AREA SOURCES                        98049          2787         12714         17113         89426

    POINT SOURCES                       31295          2567           992            45            48

    TOTAL                              129344          5354         13706         17158         89474
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT

STATE 17:KANSAS

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	9	40	0	9	43
DISTILLATE OIL	20	258	168	2	60
NATURAL GAS	573	24	4546	448	1137
TOTAL (RESIDENTIAL)	602	322	4714	459	1240
ELEC GENERATION (POINT)					
BITUMINOUS COAL	18992	121830	135437	1185	3961
RESIDUAL OIL	808	9590	5518	39	238
DISTILLATE OIL	1	34	93	3	16
NATURAL GAS	462	147	35533	46	865
TOTAL (ELEC GEN)	20263	131601	176581	1273	5080
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	914	8285	2179	62	136
POINT SOURCES	15	73	9	1	1
RESIDUAL OIL					
AREA SOURCES	393	5396	1364	18	108
POINT SOURCES	97	1133	96	3	29
DISTILLATE OIL					
AREA SOURCES	74	743	912	52	123
POINT SOURCES	16	254	75	3	13
NATURAL GAS					
AREA SOURCES	1319	72	138128	49596	18149
POINT SOURCES	104	5	7452	27	183
PROCESS GAS					
POINT SOURCES	0	4	0	0	0
LIQUID PETROL GAS					
POINT SOURCES	0	0	1	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	2700	14496	142583	49728	18516
POINT SOURCES	232	1469	7633	34	226
COMM-INSTITUTIONAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	50	252	42	2	6
RESIDUAL OIL					
AREA SOURCES	12	244	62	1	2
DISTILLATE OIL					
AREA SOURCES	30	535	407	19	83

```
          LIGHT DUTY VEHICLES            4168          211          5216          7120          58034
          LIGHT DUTY TRUCKS              1417          110          2488          2932          20965
          HEAVY DUTY VEHICLES             345           39          1355          1409          19092
          OFF HIGHWAY                      65           35           646          2327          24942
          TOTAL (GASOLINE)               5995          395          9705         13788         123033

      DIESEL

          HEAVY DUTY VEHICLES             933          457          4467           541           1535
          OFF HIGHWAY                     163          137          1641           241            483
          RAIL                            267          609          3948          1004           1388
          TOTAL (DIESEL)                 1363         1203         10056          1786           3406

    AIRCRAFT

        MILITARY                          112           10            66           198            356
        CIVIL                               0            0             1            27           1215
        COMMERCIAL                          1            3            25            28             63
        TOTAL (AIRCRAFT)                  113           13            92           253           1634

    VESSELS

        GASOLINE                            0            6            20           835           2618
        TOTAL (VESSELS)                     0            6            20           835           2618

    TOTAL (TRANSPORTATION)               7471         1617         19873         16662         130691

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      598            0           143           845           4938
    AGRICULTURAL BURNING                  887            0           124          1050           5835
    STRUCTURAL FIRES                       77            0             7            56            311
    GASOLINE STA EVAP LOSS                  0            0             0          1794              0
    SOLVENT EVAPORATION LOSS                0            0             0          6010              0
    UNPAVED ROADS                      265941            0             0             0              0
    TOTAL (MISCELLANEOUS)              267503            0           274          9755          11084

GRAND TOTAL
***********

    AREA SOURCES                       276035         2972         31989         31209         146573

    POINT SOURCES                       18166         2016         19034          8059           2543

    TOTAL                              294201         4988         51023         39268         149116
```

```
      ELECTRIC GENERATION

          DISTILLATE OIL                     3          3         45          4          9
          NATURAL GAS                        6         32       2501        987        337
          TOTAL (ELEC GEN)                   9         35       2546        991        346

      INDUSTRIAL FUEL

          NATURAL GAS                       20          5      73712      29968       9484
          TOTAL (INDUSTRIAL)                20          5      73712      29968       9484

      TOTAL (INTERNAL COMB)                 29         40      76258      30959       9830

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 151        530       5441       1748        752
              POINT SOURCES                181        475      84026      30977      10047

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                    4          0          5       2790      35636
   FOOD/AGRICULTURAL                     19923          0          0          0          0
   SECONDARY METALS                         22          0          0          0        428
   MINERAL PRODUCTS                         47          0          0          0          0
   PETROLEUM INDUSTRY                       23        109       2501       1584       2481
   PETROLEUM STORAGE/TRANSPORT               0          0          0         56          0
   TOTAL (INDUSTRIAL)                    20019        109       2506       4430      38545

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      OPEN BURNING                         481         16        122        647       2047
      TOTAL (RESIDENTIAL)                  481         16        122        647       2047

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
              AREA SOURCES                   2          0          0          4          8
      TOTAL (COMM-INST)
              AREA SOURCES                   2          0          0          4          8

   INDUSTRIAL

      OPEN BURNING
              AREA SOURCES                   3          0          0          3         15
      TOTAL (INDUSTRIAL)
              AREA SOURCES                   3          0          0          3         15

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                 486         16        122        654       2070

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              2336        138       3333       3979      31415
         LIGHT DUTY TRUCKS                1205        106       2380       2529      17396
         HEAVY DUTY VEHICLES               350         42       1568       1431      19584
         OFF HIGHWAY                        48         29        485       1748      18751
         TOTAL (GASOLINE)                 3939        315       7766       9687      87146
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:10 FLORIDA   AQCR:052 WEST CENTRAL FLORIDA

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	27	331	207	10	56
NATURAL GAS	34	1	265	26	66
WOOD	62	0	2	15	423
TOTAL (RESIDENTIAL)	123	332	474	51	545
ELEC GENERATION (POINT)					
BITUMINOUS COAL	6798	155473	63608	636	2121
RESIDUAL OIL	6033	134920	56134	582	2663
DISTILLATE OIL	30	146	266	9	44
NATURAL GAS	931	20654	4513	50	79
TOTAL (ELEC GEN)	13792	311193	124521	1277	4907
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	518	2981	784	21	50
RESIDUAL OIL					
POINT SOURCES	628	9810	2187	37	181
DISTILLATE OIL					
AREA SOURCES	36	361	437	22	61
POINT SOURCES	96	1028	116	4	26
NATURAL GAS					
AREA SOURCES	23	1	2944	1088	391
POINT SOURCES	31	1277	1711	7	61
OTHER					
POINT SOURCES	1	417	11	1	3
TOTAL (INDUSTRIAL)					
AREA SOURCES	577	3343	4165	1131	502
POINT SOURCES	756	12532	4025	49	271
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	117	1506	406	6	33
POINT SOURCES	62	822	155	3	13
DISTILLATE OIL					
AREA SOURCES	17	246	189	8	42
POINT SOURCES	1	228	15	0	3
NATURAL GAS					
AREA SOURCES	0	0	15	0	2
TOTAL (COMM-INST)					
AREA SOURCES	134	1752	610	14	77

MILITARY	2	0	1	3	5
CIVIL	0	0	0	7	410
COMMERCIAL	0	1	9	10	22
TOTAL (AIRCRAFT)	2	1	10	20	437
VESSELS					
DIESEL FUEL	147	183	1373	360	481
RESIDUAL OIL	213	2798	460	32	15
GASOLINE	0	17	66	2762	8680
TOTAL (VESSELS)	360	2998	1899	3154	9176
TOTAL (TRANSPORTATION)	5974	3865	14350	12633	88454
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	662	5	156	938	5464
FOREST MANAGED BURNING	9164	70	1832	8245	51311
AGRICULTURAL BURNING	783	0	109	927	5148
STRUCTURAL FIRES	59	0	5	43	235
GASOLINE STA EVAP LOSS	0	0	0	1628	0
SOLVENT EVAPORATION LOSS	0	0	0	8281	0
UNPAVED ROADS	42124	0	0	0	0
TOTAL (MISCELLANEOUS)	52792	75	2102	20062	62158
GRAND TOTAL ***********					
AREA SOURCES	59769	4276	17799	33840	155521
POINT SOURCES	5117	26193	14962	2232	49394
TOTAL	64886	30469	32761	36072	204915

```
*** F03 ***                                                                                                              *** F03 ***
        TOTAL  (EXTERNAL COMB)
                AREA SOURCES                  1295             1555             8757             1227             5868
                POINT SOURCES                 7110           306465            40804              823             2303

    TOTAL  (FUEL COMBUSTION)

                AREA SOURCES                  1295             1555             8757             1227             5868
                POINT SOURCES                 7110           306465            40804              823             2303

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                      52                0                0               75                0
    PRIMARY METAL                              412              305                0                0             7200
    SECONDARY METALS                           103             1313                2                0                6
    MINERAL PRODUCTS                          1483              597             1267              973              111
    WOOD PRODUCTS                             1060                0                0                0                0
    ORGANIC SOLVENT EVAPORATION                222                0                0            15131                0
    PETROLEUM STORAGE/TRANSPORT                  0                0                0             1386                0
    TEXTILE MANUFACTURING                        8                0                0               17                0
    OTHER/NOT CLASSIFIED                        84                0              870                2               48
    TOTAL  (INDUSTRIAL)                       3424             2215             2139            17584             7365

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   244                4                8              687             2061
        OPEN BURNING                          1691               65              432             2283             7239
        TOTAL  (RESIDENTIAL)                  1935               69              440             2970             9300

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                    11                2                6                7               18
        OPEN BURNING
                AREA SOURCES                    12                0                4               22               60
        TOTAL  (COMM-INST)
                AREA SOURCES                    23                2               10               29               78

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                     1                0                0                1                2
                POINT SOURCES                    2                4               12                4                0
        OPEN BURNING
                AREA SOURCES                   236               10               81              409             1436
        TOTAL  (INDUSTRIAL)
                AREA SOURCES                   237               10               81              410             1438
                POINT SOURCES                    2                4               12                4                0

    TOTAL  (SOLID WASTE DISP)
                AREA SOURCES                  2195               81              531             3409            10816
                POINT SOURCES                    2                4               12                4                0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              48621             1776            40491            59469           532488
            LIGHT DUTY TRUCKS                 7611              425             9368            12409            95278
            HEAVY DUTY VEHICLES               2448              193             6103             8567           117732
```

```
*** F04 ***                                                                                          *** F04 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                    RUN DATE:  TUESDAY      JANUARY 26, 1982
STATE EMISSIONS REPORT                                  AREA EMISSIONS AS OF:  TUESDAY         JULY 21, 1981
**************************                             POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981
STATE 12:HAWAII

                              PARTICULATES         SOX          NOX          HC           CO
                              ************    ************ ************ ************ ************
                               TONS / YR       TONS / YR    TONS / YR    TONS / YR    TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 0            11            5            0            1
         WOOD                          44             0            2            9          315
         TOTAL (RESIDENTIAL)           44            11            7            9          316

      ELEC GENERATION (POINT)

         RESIDUAL OIL                3227         40043        21503          194          953
         TOTAL (ELEC GEN)            3227         40043        21503          194          953

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES            1021         19272         2505           61          103
         DISTILLATE OIL
            AREA SOURCES               12           168          136            7           19
            POINT SOURCES             110          1165          613           30           82
         PROCESS GAS
            POINT SOURCES               0          1648            0            0            0
         BAGASSE
            POINT SOURCES            7075             0          942          113          150
         TOTAL (INDUSTRIAL)
            AREA SOURCES               12           168          136            7           19
            POINT SOURCES            8206         22085         4060          204          335

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               14            40           48            1            3
            POINT SOURCES               5            68           20            0            2
         DISTILLATE OIL
            AREA SOURCES              129          2791         1422           64          323
            POINT SOURCES              15           826          165            7           37
         NATURAL GAS
            POINT SOURCES               4             0           48            3            8
         TOTAL (COMM-INST)
            AREA SOURCES              143          2831         1470           65          326
            POINT SOURCES              24           894          233           10           47

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              199          3010         1613           81          661
            POINT SOURCES           11457         63022        25796          408         1335

   INTERNAL COMBUSTION (POINT)
```

```
*** F06 ***                                                                                                   *** F06 ***

        MUNICIPAL INCINERATION                 33             3             3             2            38
        OTHER INCINERATION                      1             0             0             0             0
        TOTAL (GOVERNMENT)                     34             3             3             2            38

     RESIDENTIAL (AREA)

        ON SITE INCINERATION                 9048           131           287         25446         76336
        OPEN BURNING                         8766           323          2240         11827         37503
        TOTAL (RESIDENTIAL)                 17814           454          2527         37273        113839

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                 407           625           181           141           446
        TOTAL (COMM-INST)
                POINT SOURCES                 407           625           181           141           446

     INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                 298            76            55            66           323
        TOTAL (INDUSTRIAL)
                POINT SOURCES                 298            76            55            66           323

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES                17814           454          2527         37273        113839
                POINT SOURCES                 739           704           239           209           807

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES             213755          7306        170196        255947       2406134
           LIGHT DUTY TRUCKS                30609          1646         36868         49244        392477
           HEAVY DUTY VEHICLES              10756           889         29590         39385        540935
           OFF HIGHWAY                        936           489          9255         33317        357247
           TOTAL (GASOLINE)                256056         10330        245909        377893       3696793

        DIESEL

           HEAVY DUTY VEHICLES              26026         10622        105666         15543         43665
           OFF HIGHWAY                       2306          1938         23308          3425          6900
           RAIL                              3716          8455         54894         13946         19286
           TOTAL (DIESEL)                   32048         21015        183868         32914         69851

     AIRCRAFT

        MILITARY                              624            58           373          1109          2000
        CIVIL                                  14             4            22           428         19703
        COMMERCIAL                            206           452          4237          4742         10573
        TOTAL (AIRCRAFT)                      844           514          4632          6279         32276

     VESSELS

        DIESEL FUEL                            89           115           858           231           300
        GASOLINE                                0            86           328         13118         41177
        TOTAL (VESSELS)                        89           201          1186         13349         41477

     TOTAL (TRANSPORTATION)                289037         32060        435595        430435       3840397

MISCELLANEOUS (AREA)
********************
```

*** F07 ***

*** F07 ***

```
*** F09 ***                                                                                              *** F09 ***
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             12030            502           12043           16793          147956
         LIGHT DUTY TRUCKS                3060            186            4234            5400           41574
         HEAVY DUTY VEHICLES              1134            108            3663            4400           59682
         OFF HIGHWAY                       108             57            1077            3872           41538
         TOTAL (GASOLINE)                16332            853           21017           30465          290750

      DIESEL

         HEAVY DUTY VEHICLES              1612            730            7208             936            2641
         OFF HIGHWAY                       316            267            3191             470             944
         RAIL                              220            500            3244             823            1139
         TOTAL (DIESEL)                   2148           1497           13643            2229            4724

   AIRCRAFT

      MILITARY                              93              9              56             166             300
      CIVIL                                  1              0               2              38            1748
      COMMERCIAL                             6             13             123             138             306
      TOTAL (AIRCRAFT)                     100             22             181             342            2354

   VESSELS

      DIESEL FUEL                           21             26             201              53              70
      GASOLINE                               0             21              77            3057            9594
      TOTAL (VESSELS)                       21             47             278            3110            9664

   TOTAL (TRANSPORTATION)                18601           2419           35119           36146          307492

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                         18              0               3              24             147
   STRUCTURAL FIRES                        187              0              20             138             748
   GASOLINE STA EVAP LOSS                    0              0               0            3291               0
   SOLVENT EVAPORATION LOSS                  0              0               0           26368               0
   UNPAVED ROADS                         44792              0               0               0               0
   UNPAVED AIRSTRIPS                         2              0               0               0               0
   TOTAL (MISCELLANEOUS)                 44999              0              23           29821             895

GRAND TOTAL
***********

   AREA SOURCES                          66317           5739           39321           70223          321001

   POINT SOURCES                         72084         426302          104155           13992            3687

   TOTAL                                138401         432041          143476           84215          324688
```

```
*** F11 ***                                                                                          *** F11 ***
   RESIDENTIAL (AREA)

      ON SITE INCINERATION              902          14          28        2536        7608
      OPEN BURNING                     1809          67         462        2440        7742
      TOTAL (RESIDENTIAL)              2711          81         490        4976       15350

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                209          66         100         122         286
            POINT SOURCES                 1           0           0           0           0
      OPEN BURNING
            AREA SOURCES                  4           0           2           8          21
      TOTAL (COMM-INST)
            AREA SOURCES                213          66         102         130         307
            POINT SOURCES                 1           0           0           0           0

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                157          34          34         138         206
            POINT SOURCES                 8           4           4           4          11
      OPEN BURNING
            AREA SOURCES                 82           3          27         140         493
      TOTAL (INDUSTRIAL)
            AREA SOURCES                239          37          61         278         699
            POINT SOURCES                 8           4           4           4          11

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               3163         184         653        5384       16356
            POINT SOURCES              2433          45         208          44        1463

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          22545         807       18831       27900      257336
         LIGHT DUTY TRUCKS             4719         254        5649        7525       59666
         HEAVY DUTY VEHICLES           1612         123        4025        5791       79236
         OFF HIGHWAY                     79          40         771        2775       29762
         TOTAL (GASOLINE)             28955        1224       29276       43991      426000

      DIESEL

         HEAVY DUTY VEHICLES           4177        1735       17105        2484        7025
         OFF HIGHWAY                    373         311        3754         551        1111
         RAIL                           386         880        5714        1452        2009
         TOTAL (DIESEL)                4936        2926       26573        4487       10145

   AIRCRAFT

      MILITARY                           11           1           7          20          37
      CIVIL                               0           0           1          34        1623
      COMMERCIAL                         27          60         560         627        1398
      TOTAL (AIRCRAFT)                   38          61         568         681        3058

   VESSELS

      GASOLINE                            0           2          10         401        1258
      TOTAL (VESSELS)                     0           2          10         401        1258

   TOTAL (TRANSPORTATION)             33929        4213       56427       49560      440461
```

```
*** F12 ***                                                                                              *** F12 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                  ******************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                  *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:15 INDIANA        AQCR:084 WABASH VALLEY                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                    PARTICULATES         SOX                 NOX                 HC                  CO
                                    ************    ************        ************        ************        ************
                                     TONS / YR       TONS / YR           TONS / YR           TONS / YR           TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                       2                   8                   0                   0                  32
         DISTILLATE OIL                       56                 648                 406                  24                 114
         NATURAL GAS                         156                   3                1253                 125                 316
         WOOD                                187                   1                   5                  37                1350
         TOTAL (RESIDENTIAL)                 401                 660                1664                 186                1812

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                    8088              280760               81737                1001                3239
         DISTILLATE OIL                        6                 162                 162                   8                  28
         TOTAL (ELEC GEN)                   8094              280922               81899                1009                3267

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                    3418               21636                4557                 138                 292
            POINT SOURCES                   2566               25253                4615                 280                 568
         RESIDUAL OIL
            AREA SOURCES                      33                 505                 127                   1                   9
            POINT SOURCES                    258                3130                 992                  21                  82
         DISTILLATE OIL
            AREA SOURCES                      13                 151                 187                   8                  24
            POINT SOURCES                     45                 370                 205                  13                  29
         NATURAL GAS
            AREA SOURCES                      97                   3                1725                  26                 162
            POINT SOURCES                     62                 160                1618                  50                  66
         WOOD
            POINT SOURCES                     63                  12                  53                  29                  51
         OTHER
            POINT SOURCES                     11                1085                  70                   4                  19
         TOTAL (INDUSTRIAL)
            AREA SOURCES                    3561               22295                6596                 173                 487
            POINT SOURCES                   3005               30010                7553                 397                 815

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                       5                  17                   6                   0                   0
         BITUMINOUS COAL
            POINT SOURCES                    915                4367                 587                  41                  80
         RESIDUAL OIL
            AREA SOURCES                     104                1478                 370                   3                  31
```

```
*** F13 ***                                                                                  *** F13 ***
              AREA SOURCES              2          39          31           1           7
              POINT SOURCES             0           6           3           0           1
          NATURAL GAS
              AREA SOURCES             12           1         151          10          25
              POINT SOURCES             0           0           3           0           0
          TOTAL (COMM-INST)
              AREA SOURCES             71         253         234          13          40
              POINT SOURCES             1          11           6           0           2

      TOTAL (EXTERNAL COMB)
              AREA SOURCES            276        1223        1197         245         581
              POINT SOURCES         10327       16330        4165          89         233

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                0           4           8           0           2
          NATURAL GAS                   0           0           1           0           0
          OTHER                         1           1           8           1           2
          TOTAL (ELEC GEN)              1           5          17           1           4

      INDUSTRIAL FUEL

          GASOLINE                      0           0           1           2          40
          TOTAL (INDUSTRIAL)            0           0           1           2          40

      TOTAL (INTERNAL COMB)             1           5          18           3          44

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES            276        1223        1197         245         581
              POINT SOURCES         10328       16335        4183          92         277

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              0        1524           0           0           0
    FOOD/AGRICULTURAL                2044           0           0           2          15
    SECONDARY METALS                  139           0           3           0        4933
    MINERAL PRODUCTS                   11           0           0           0           0
    ORGANIC SOLVENT EVAPORATION         0           0           0         264           0
    TOTAL (INDUSTRIAL)               2194        1524           3         266        4948

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          131           1           5         371        1112
        OPEN BURNING                  259           9          67         349        1109
        TOTAL (RESIDENTIAL)           390          10          72         720        2221

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES             51          15          24          28          67
        TOTAL (COMM-INST)
              AREA SOURCES             51          15          24          28          67

    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES             23           5           5          21          31
              POINT SOURCES             0           0           0           1           3
        TOTAL (INDUSTRIAL)
```

```
*** F14 ***                                                                                                   *** F14 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                                           AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:16 IOWA          AQCR:087 METROPOLITAN SIOUX FALLS              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES         SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  0                1                0                0                1
         DISTILLATE OIL                   3               33               21                1                6
         NATURAL GAS                      2                0               18                2                5
         WOOD                             5                0                0                1               36
         TOTAL (RESIDENTIAL)             10               34               39                4               48

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  1                7                2                0                0
         RESIDUAL OIL
            AREA SOURCES                  0                1                0                0                0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  1                8                2                0                0

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                  1                2                1                0                0
         BITUMINOUS COAL
            AREA SOURCES                  2                6                1                0                0
         RESIDUAL OIL
            AREA SOURCES                  0                5                1                0                0
         DISTILLATE OIL
            AREA SOURCES                  0                3                3                0                1
         NATURAL GAS
            AREA SOURCES                  1                0                8                1                1
         TOTAL (COMM-INST)
            AREA SOURCES                  4               16               14                1                2

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 15               58               55                5               50

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                 15               58               55                5               50

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                    163                0                0                0                0
   MINERAL PRODUCTS                       1                0                0                0                0
```

```
*** F16 ***                                                                                              *** F16 ***
              POINT SOURCES                  0            3            3            0            0
           NATURAL GAS
              AREA SOURCES                 295           11         3569          212          598
              POINT SOURCES                  5            0           89            4           12
           TOTAL (COMM-INST)
              AREA SOURCES                 387         1042         4080          234          689
              POINT SOURCES                  5            3           92            4           12

        TOTAL (EXTERNAL COMB)
              AREA SOURCES                3689        15860       151377        50421        20445
              POINT SOURCES              20500       133073       184306         1311         5318

   INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                   40          138          837          149          164
           NATURAL GAS                      22           35         5598         2193          758
           TOTAL (ELEC GEN)                 62          173         6435         2342          922

        INDUSTRIAL FUEL

           DISTILLATE OIL                    0            0            4            0            1
           NATURAL GAS                      23            9       112067        45520        14519
           TOTAL (INDUSTRIAL)               23            9       112071        45520        14520

        TOTAL (INTERNAL COMB)               85          182       118506        47862        15442

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                3689        15860       151377        50421        20445
              POINT SOURCES              20585       133255       302812        49173        20760

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  451         1798         2540         2833        35636
   FOOD/AGRICULTURAL                     75974            0            0            0            0
   PRIMARY METAL                             2            0            0            0            0
   SECONDARY METALS                        234            0           15            0          644
   MINERAL PRODUCTS                      11715         2048         1665         1433          319
   PETROLEUM INDUSTRY                     3448        19080        14211        16223         6840
   WOOD PRODUCTS                             2            0            0            0            0
   ORGANIC SOLVENT EVAPORATION               0            0            0         1484            0
   PETROLEUM STORAGE/TRANSPORT               0            0            0        10855            0
   METAL FABRICATION                        54            0            0            0            0
   OTHER/NOT CLASSIFIED                      8            0            0            0            0
   TOTAL (INDUSTRIAL)                    91888        22926        18431        32828        43439

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

        OPEN BURNING                         1            0            0            2            4
        TOTAL (GOVERNMENT)                   1            0            0            2            4

   RESIDENTIAL (AREA)

        ON SITE INCINERATION              2224           35           70         6254        18760
        OPEN BURNING                      3642          137          933         4913        15564
        TOTAL (RESIDENTIAL)               5866          172         1003        11167        34324

   COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
```

```
    DIESEL

        HEAVY DUTY VEHICLES              1137          589         5744          653         1856
        OFF HIGHWAY                       100           86         1027          151          304
        RAIL                              158          358         2311          587          814
        TOTAL (DIESEL)                   1395         1033         9082         1391         2974

  AIRCRAFT

    CIVIL                                   0            0            0           39         1858
    TOTAL (AIRCRAFT)                        0            0            0           39         1858

  VESSELS

    GASOLINE                                0            1            4          209          653
    TOTAL (VESSELS)                         0            1            4          209          653

  TOTAL (TRANSPORTATION)                 5334         1349        16852        11326        92631

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                       1049            2          249         1484         8671
  STRUCTURAL FIRES                         45            0            3           34          177
  GASOLINE STA EVAP LOSS                    0            0            0         1112            0
  SOLVENT EVAPORATION LOSS                  0            0            0         3080            0
  UNPAVED ROADS                        259722            0            0            0            0
  UNPAVED AIRSTRIPS                         4            0            0            0            0
  TOTAL (MISCELLANEOUS)                260820            2          252         5710         8848

GRAND TOTAL
***********

  AREA SOURCES                         266791         1897        22667        19438       104301

  POINT SOURCES                         20200          584        86532        35407        48592

  TOTAL                                286991         2481       109199        54845       152893
```

```
*** G01 ***                                                                                          *** G01 ***
              POINT SOURCES            63          1050           170             3            16

        TOTAL (EXTERNAL COMB)
              AREA SOURCES            834          5427          5249          1196          1124
              POINT SOURCES         14611        324775        128716          1329          5194

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL             105         17332          1127            91           252
           NATURAL GAS                 10            16            77             4            10
           TOTAL (ELEC GEN)           115         17348          1204            95           262

        INDUSTRIAL FUEL

           DISTILLATE OIL              19           358           713            57           157
           TOTAL (INDUSTRIAL)          19           358           713            57           157

        TOTAL (INTERNAL COMB)         134         17706          1917           152           419

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES            834          5427          5249          1196          1124
              POINT SOURCES         14745        342481        130633          1481          5613

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING          9336         63468          6283             0            48
     FOOD/AGRICULTURAL                634            23             0             0             0
     PRIMARY METAL                      9           630             0             0             0
     SECONDARY METALS                  36           635             0             0             0
     MINERAL PRODUCTS               24021         29133          1354             7             7
     ORGANIC SOLVENT EVAPORATION        0             0             0            33             0
     PETROLEUM STORAGE/TRANSPORT        0             0             0             2             0
     METAL FABRICATION                  3             0             0             0             0
     OTHER/NOT CLASSIFIED               0          1567             0             0             0
     TOTAL (INDUSTRIAL)             34039         95456          7637            42            55

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION          208             3             6           592          1777
        OPEN BURNING                 2669            99           683          3600         11422
        TOTAL (RESIDENTIAL)          2877           102           689          4192         13199

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES             29             9            14            17            39
              POINT SOURCES             1             0             2             0             0
        TOTAL (COMM-INST)
              AREA SOURCES             29             9            14            17            39
              POINT SOURCES             1             0             2             0             0

     INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES             40             8             8            35            53
              POINT SOURCES            14             1            10            77           560
        OPEN BURNING
              AREA SOURCES              2             0             1             4            15
        TOTAL (INDUSTRIAL)
```

OFF HIGHWAY	95	52	950	3418	36681
TOTAL (GASOLINE)	58775	2446	56912	83863	782179
DIESEL					
HEAVY DUTY VEHICLES	7617	3145	28983	4118	12155
OFF HIGHWAY	919	772	9308	1371	2753
RAIL	257	581	3756	954	1321
TOTAL (DIESEL)	8793	4498	42047	6443	16229
AIRCRAFT					
MILITARY	303	28	182	540	971
CIVIL	3	2	6	110	5043
COMMERCIAL	138	303	2826	3161	7049
TOTAL (AIRCRAFT)	444	333	3014	3811	13063
VESSELS					
GASOLINE	0	0	3	171	542
TOTAL (VESSELS)	0	0	3	171	542
TOTAL (TRANSPORTATION)	68012	7277	101976	94288	812013
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	582	0	137	822	4797
FOREST MANAGED BURNING	328	0	67	295	1841
AGRICULTURAL BURNING	107	0	15	124	700
STRUCTURAL FIRES	490	0	58	365	1991
GASOLINE STA EVAP LOSS	0	0	0	12829	0
SOLVENT EVAPORATION LOSS	0	0	0	77042	0
UNPAVED ROADS	66339	0	0	0	0
TOTAL (MISCELLANEOUS)	67846	0	277	91477	9329
GRAND TOTAL ***********					
AREA SOURCES	139348	8913	111541	190401	838026
POINT SOURCES	10536	308684	42955	18411	9668
TOTAL	149884	317597	154496	208812	847694

```
      ELECTRIC GENERATION

         DISTILLATE OIL                    219           418          4245           192           716
         TOTAL (ELEC GEN)                  219           418          4245           192           716

      INDUSTRIAL FUEL

         DISTILLATE OIL                      1             1            20             2             4
         TOTAL (INDUSTRIAL)                  1             1            20             2             4

      TOTAL (INTERNAL COMB)                220           419          4265           194           720

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 199          3010          1613            81           661
              POINT SOURCES              11677         63441         30061           602          2055

INDUSTRIAL PROCESS (POINT)
***************************

   CHEMICAL MANUFACTURING                   35          1777             0             0             0
   FOOD/AGRICULTURAL                         2             0             0             0             0
   PRIMARY METAL                             3             0             0             0           450
   SECONDARY METALS                          8             0             0             0             0
   MINERAL PRODUCTS                       4290          2481           650             1             5
   PETROLEUM INDUSTRY                      202          2914          1059           465            35
   ORGANIC SOLVENT EVAPORATION               0             0             0           336             0
   PETROLEUM STORAGE/TRANSPORT               0             0             0          5929             0
   OTHER/NOT CLASSIFIED                      1           160            20             2             4
   TOTAL (INDUSTRIAL)                     4541          7332          1729          6733           494

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION                40           121           145             0          1696
      TOTAL (GOVERNMENT)                    40           121           145             0          1696

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 922            14            29          2594          7783
      OPEN BURNING                         603            22           155           814          2581
      TOTAL (RESIDENTIAL)                 1525            36           184          3408         10364

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
              AREA SOURCES                   2             0             1             3             9
      TOTAL (COMM-INST)
              AREA SOURCES                   2             0             1             3             9

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                   1             0             0             1             1
              POINT SOURCES                  6             1             1            11            23
      OPEN BURNING
              AREA SOURCES                  16             1             5            26            95
      TOTAL (INDUSTRIAL)
              AREA SOURCES                  17             1             5            27            96
              POINT SOURCES                  6             1             1            11            23

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                1544            37           190          3438         10469
              POINT SOURCES                 46           122           146            11          1719
```

```
*** G05 ***                                                                                    *** G05 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY     JANUARY 26, 1982
***************************                              AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:13 IDAHO        AQCR:062 EASTERN WASHINGTON-NORTHERN ID   POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                           PARTICULATES          SOX              NOX              HC               CO
                           ************     ************     ************     ************     ************
                            TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL           28               48                4               28              121
         DISTILLATE OIL             6              175               44                2               12
         NATURAL GAS                6                0               58                6               16
         WOOD                     487               10               20               97             3510
         TOTAL (RESIDENTIAL)      527              233              126              133             3659

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           95              369              160                4               10
         RESIDUAL OIL
            POINT SOURCES          24              324                0                2                9
         DISTILLATE OIL
            AREA SOURCES            6              145               71                3               11
         NATURAL GAS
            AREA SOURCES            8                0              538              172               69
            POINT SOURCES           0                0              842                1                0
         WOOD
            POINT SOURCES        2450             1087             7246             1449             1449
         TOTAL (INDUSTRIAL)
            AREA SOURCES          109              514              769              179               90
            POINT SOURCES        2474             1411             8088             1452             1458

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES            7               74               21                0                1
         DISTILLATE OIL
            AREA SOURCES            1               69               21                0                4
         NATURAL GAS
            AREA SOURCES            3                0               44                3                8
         TOTAL (COMM-INST)
            AREA SOURCES           11              143               86                3               13

      TOTAL (EXTERNAL COMB)
            AREA SOURCES          647              890              981              315             3762
            POINT SOURCES        2474             1411             8088             1452             1458

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES          647              890              981              315             3762
            POINT SOURCES        2474             1411             8088             1452             1458
```

```
    FOREST WILDFIRES                   60          0          3         82        472
    STRUCTURAL FIRES                 3175          4        376       2377      12909
    GASOLINE STA EVAP LOSS              0          0          0      48736          0
    SOLVENT EVAPORATION LOSS            0          0          0     397433          0
    UNPAVED ROADS                  342164          0          0          0          0
    UNPAVED AIRSTRIPS                  40          0          0          0          0
    TOTAL (MISCELLANEOUS)          345439          4        379     448628      13381

GRAND TOTAL
***********

    AREA SOURCES                   666451     103685     500967     922446    3979391

    POINT SOURCES                  468657    1671700     788147     232327     323239

    TOTAL                         1135108    1775385    1289114    1154773    4302630
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:14 ILLINOIS       AQCR:068 METROPOLITAN DUBUQUE      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX             NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              0               2               0               0               2
            DISTILLATE OIL               3              39              24               1               7
            NATURAL GAS                  4               0              28               3               7
            TOTAL (RESIDENTIAL)          7              41              52               4              16

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             7              43              11               0               1
            NATURAL GAS
                AREA SOURCES             1               0              37               6               4
                POINT SOURCES            2               0              65               3             252
            PROCESS GAS
                POINT SOURCES            0               0               0              84               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             8              43              48               6               5
                POINT SOURCES            2               0              65              87             252

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES             2               5               2               0               0
            RESIDUAL OIL
                AREA SOURCES             5              67              17               0               1
            DISTILLATE OIL
                AREA SOURCES             0               7               5               0               1
            NATURAL GAS
                AREA SOURCES             1               0              13               1               2
            TOTAL (COMM-INST)
                AREA SOURCES             8              79              37               1               4

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            23             163             137              11              25
                POINT SOURCES            2               0              65              87             252

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            23             163             137              11              25
                POINT SOURCES            2               0              65              87             252

INDUSTRIAL PROCESS (POINT)
**************************
```

```
*** G08 ***                                                                                     *** G08 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       **********************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:14 ILLINOIS        AQCR:072 PADUCAH-CAIRO              POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                          PARTICULATES          SOX            NOX            HC             CO
                          ************     ************   ************   ************   ************
                           TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              6              21              0              6             26
         DISTILLATE OIL               0              16             11              0              3
         NATURAL GAS                 13               0            106             11             27
         TOTAL (RESIDENTIAL)         19              37            117             17             56

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          11451          163024          29704            576           1924
         TOTAL (ELEC GEN)         11451          163024          29704            576           1924

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             32             190             49              1              3
            POINT SOURCES           389            1144            325             25             56
         DISTILLATE OIL
            POINT SOURCES             1               5              0              0              0
         NATURAL GAS
            AREA SOURCES              1               0             37              7              4
         TOTAL (INDUSTRIAL)
            AREA SOURCES             33             190             86              8              7
            POINT SOURCES           390            1149            325             25             56

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              1               3              1              0              0
         BITUMINOUS COAL
            POINT SOURCES             9              72              9              0              1
         RESIDUAL OIL
            AREA SOURCES              4              39             10              0              0
         DISTILLATE OIL
            AREA SOURCES              0               4              4              0              0
            POINT SOURCES             1              21             12              0              2
         NATURAL GAS
            AREA SOURCES              2               0             26              0              4
         TOTAL (COMM-INST)
            AREA SOURCES              7              46             41              0              4
            POINT SOURCES            10              93             21              0              3

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             59             273            244             25             67
```

```
*** G10 ***                                                                                        *** G10 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
*******************************                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:15 INDIANA        AQCR:077 EVANSVILLE-OWENSBORO-HENDERSON     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                          PARTICULATES          SOX           NOX           HC            CO
                          ************     ************  ************  ************  ************
                           TONS / YR        TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               0              6             0             0            21
         DISTILLATE OIL               10            105            68             3            17
         NATURAL GAS                  72              2           583            58           145
         WOOD                         58              1             2            12           414
         TOTAL (RESIDENTIAL)         140            114           653            73           597

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           10031         572745         98656          1969          5978
         RESIDUAL OIL                  0              1             3             0             0
         DISTILLATE OIL                0             19             5             0             2
         TOTAL (ELEC GEN)          10031         572765         98664          1969          5980

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            1063           6735          1417            41            92
            POINT SOURCES           6896          89468         13156           431          1093
         RESIDUAL OIL
            AREA SOURCES              12            152            38             0             3
            POINT SOURCES             23            247           112             3            12
         DISTILLATE OIL
            AREA SOURCES               5             57            70             4            10
            POINT SOURCES              4             10             6             2             2
         NATURAL GAS
            AREA SOURCES              34              2           606            10            58
            POINT SOURCES             10            210           150             2            10
         WOOD
            POINT SOURCES            137             22           150           188           184
         LIQUID PETROL GAS
            POINT SOURCES              0              0             2             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES            1114           6946          2131            55           163
            POINT SOURCES           7070          89957         13576           626          1301

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               2              6             2             0             0
         BITUMINOUS COAL
            POINT SOURCES              4            159            30             3             6
         RESIDUAL OIL
```

```
*** 611 ***                                                                                        *** 611 ***
MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                     319          1         38        238       1292
    GASOLINE STA EVAP LOSS                 0          0          0       6045          0
    SOLVENT EVAPORATION LOSS               0          0          0      47600          0
    UNPAVED ROADS                       8934          0          0          0          0
    UNPAVED AIRSTRIPS                     28          0          0          0          0
    TOTAL (MISCELLANEOUS)               9281          1         38      53883       1292

GRAND TOTAL
***********

    AREA SOURCES                       50859      32536      68362     109319     460107

    POINT SOURCES                      26199     123620      35616      28351      40958

    TOTAL                              77058     156156     103978     137670     501065
```

```
            POINT SOURCES                52          199          148           8          14
        DISTILLATE OIL
            AREA SOURCES                 11          201          157           3          35
            POINT SOURCES                 6           25           21         217           3
        NATURAL GAS
            AREA SOURCES                 51            2          576          40          98
            POINT SOURCES                 1            0           18           0           1
        WOOD
            POINT SOURCES                 2            0            3           1           2
        TOTAL (COMM-INST)
            AREA SOURCES                171         1698         1109          46         164
            POINT SOURCES               976         4591          777         267         100

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               4133        24653         9369         405        2463
            POINT SOURCES             12075       315523        90229        1673        4182

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        DISTILLATE OIL                    6           12           97           7          20
        TOTAL (ELEC GEN)                  6           12           97           7          20

      INDUSTRIAL FUEL

        NATURAL GAS                      15            1         4353        1758         579
        TOTAL (INDUSTRIAL)               15            1         4353        1758         579

      TOTAL (INTERNAL COMB)              21           13         4450        1765         599

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               4133        24653         9369         405        2463
            POINT SOURCES             12096       315536        94679        3438        4781

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               283            0          333         767        2222
   FOOD/AGRICULTURAL                   9435           32           60        2863           0
   PRIMARY METAL                        472          723          278         365        5049
   SECONDARY METALS                     453          340          103         357         811
   MINERAL PRODUCTS                   10975          729         2303         231          37
   PETROLEUM INDUSTRY                    15          281           58           3           0
   WOOD PRODUCTS                          4            0            0         532           0
   ORGANIC SOLVENT EVAPORATION           71            0            1        7832           0
   PETROLEUM STORAGE/TRANSPORT            1            9            1        1897          18
   METAL FABRICATION                      2            0            0           0           0
   OTHER/NOT CLASSIFIED                  32           67          157          37           9
   TOTAL (INDUSTRIAL)                 21743         2181         3294       14884        8146

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

     ON SITE INCINERATION               655            6           19        1839        5518
     OPEN BURNING                      1308           48          337        1764        5599
     TOTAL (RESIDENTIAL)               1963           54          356        3603       11117

   COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
            AREA SOURCES                154           44           76          88         211
            POINT SOURCES               268          111          645         102         131
```

```
*** G13 ***                                                                                      *** G13 ***
              AREA SOURCES               23            5             5            21            31
              POINT SOURCES               0            0             0             1             3

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES              464           30           101           769          2319
              POINT SOURCES               0            0             0             1             3

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES          1448           71          1731          2238         18874
          LIGHT DUTY TRUCKS             402           29           666           759          5596
          HEAVY DUTY VEHICLES           148           16           594           586          8075
          OFF HIGHWAY                    30           15           287          1034         11084
          TOTAL (GASOLINE)             2028          131          3278          4617         43629

       DIESEL

          HEAVY DUTY VEHICLES           384          195          1980           234           648
          OFF HIGHWAY                    56           48           571            83           169
          RAIL                           34           78           507           129           178
          TOTAL (DIESEL)                474          321          3058           446           995

    AIRCRAFT

       MILITARY                           2            0             1             3             5
       CIVIL                              0            0             0             8           358
       COMMERCIAL                         3            6            53            59           132
       TOTAL (AIRCRAFT)                   5            6            54            70           495

    VESSELS

       DIESEL FUEL                        2            2            18             5             6
       GASOLINE                           0            7            27          1095          3440
       TOTAL (VESSELS)                    2            9            45          1100          3446

    TOTAL (TRANSPORTATION)             2509          467          6435          6233         48565

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      6            0             2             9            54
    STRUCTURAL FIRES                     38            0             5            27           153
    GASOLINE STA EVAP LOSS                0            0             0           612             0
    SOLVENT EVAPORATION LOSS              0            0             0          6525             0
    UNPAVED ROADS                     36440            0             0             0             0
    TOTAL (MISCELLANEOUS)             36484            0             7          7173           207

GRAND TOTAL
***********

    AREA SOURCES                      39733         1720          7740         14420         51672

    POINT SOURCES                     12522        17859          4186           359          5228

    TOTAL                             52255        19579         11926         14779         56900
```

TOTAL (INDUSTRIAL)	164	0	0	0	0
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	13	0	0	37	112
OPEN BURNING	24	1	6	32	101
TOTAL (RESIDENTIAL)	37	1	6	69	213
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION AREA SOURCES	5	1	2	3	6
TOTAL (COMM-INST) AREA SOURCES	5	1	2	3	6
INDUSTRIAL					
ON SITE INCINERATION AREA SOURCES	3	1	1	2	3
TOTAL (INDUSTRIAL) AREA SOURCES	3	1	1	2	3
TOTAL (SOLID WASTE DISP) AREA SOURCES	45	3	9	74	222
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	95	8	198	218	1554
LIGHT DUTY TRUCKS	32	4	87	83	532
HEAVY DUTY VEHICLES	21	3	121	92	1263
OFF HIGHWAY	7	4	69	248	2664
TOTAL (GASOLINE)	155	19	475	641	6013
DIESEL					
HEAVY DUTY VEHICLES	46	29	281	26	72
OFF HIGHWAY	6	5	60	9	18
RAIL	3	7	48	12	17
TOTAL (DIESEL)	55	41	389	47	107
AIRCRAFT					
CIVIL	0	0	0	1	49
TOTAL (AIRCRAFT)	0	0	0	1	49
TOTAL (TRANSPORTATION)	210	60	864	689	6169
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	0	0	0	0	2
STRUCTURAL FIRES	4	0	0	3	15
GASOLINE STA EVAP LOSS	0	0	0	73	0
SOLVENT EVAPORATION LOSS	0	0	0	184	0
UNPAVED ROADS	8447	0	0	0	0
TOTAL (MISCELLANEOUS)	8451	0	0	260	17
GRAND TOTAL					

```
*** G15 ***                                                                                                    *** G15 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:16 IOWA          AQCR:091 SOUTHEAST IOWA                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES         SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              12               39                0               12               53
         DISTILLATE OIL               21              234              148                9               43
         NATURAL GAS                  51                2              408               40              102
         WOOD                         92                1                3               18              666
         TOTAL (RESIDENTIAL)         176              276              559               79              864

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            5029             4831              720               34               67
         RESIDUAL OIL                 39              476              264                3               13
         DISTILLATE OIL                2               41               31                0                2
         NATURAL GAS                   3                0              197                0                6
         TOTAL (ELEC GEN)           5073             5348             1212               37               88

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES            119              742              197                6               13
             POINT SOURCES           148              497               43                3                6
         RESIDUAL OIL
             AREA SOURCES              3               66               17                0                1
             POINT SOURCES            42              507                0                0                1
         DISTILLATE OIL
             AREA SOURCES              1               13               17                0                1
             POINT SOURCES             2               37               18                1                4
         NATURAL GAS
             AREA SOURCES              2                0              616              245               85
             POINT SOURCES             3                0               71                2                5
         LIQUID PETROL GAS
             POINT SOURCES             0                0                2                0                0
         TOTAL (INDUSTRIAL)
             AREA SOURCES            125              821              847              251              100
             POINT SOURCES           195             1041              134                6               16

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES             19               46               20                0                1
         BITUMINOUS COAL
             AREA SOURCES             65              194               39                2                7
         RESIDUAL OIL
             AREA SOURCES              6               92               26                0                1
```

```
*** G16 ***                                                                                           *** G16 ***
                AREA SOURCES                261          82          123          151          357
        OPEN BURNING
                AREA SOURCES                 33           0            4           62          136
        TOTAL  (COMM-INST)
                AREA SOURCES                294          82          127          213          493

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 64          13           13           58           86
                POINT SOURCES                18           4            5           55          351
        OPEN BURNING
                AREA SOURCES                 47           0           12           68          270
        TOTAL  (INDUSTRIAL)
                AREA SOURCES                111          13           25          126          356
                POINT SOURCES                18           4            5           55          351

    TOTAL  (SOLID WASTE DISP)
                AREA SOURCES               6271         267         1155        11506        35173
                POINT SOURCES                19           4            5           57          355

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           37251        1651        39985        56792       482423
            LIGHT DUTY TRUCKS             11761         821        18596        22727       167057
            HEAVY DUTY VEHICLES            2300         244         8547         9144       124550
            OFF HIGHWAY                     403         217         4003        14406       154491
            TOTAL  (GASOLINE)             51715        2933        71131       103069       928521

        DIESEL

            HEAVY DUTY VEHICLES            7843        3681        35967         4554        12916
            OFF HIGHWAY                    1347        1129        13600         2003         4021
            RAIL                           2285        5200        33708         8560        11850
            TOTAL  (DIESEL)               11475       10010        83275        15117        28787

    AIRCRAFT

        MILITARY                            452          41          271          803         1446
        CIVIL                                 4           1            7          219        10078
        COMMERCIAL                           21          48          441          491         1099
        TOTAL  (AIRCRAFT)                   477          90          719         1513        12623

    VESSELS

        GASOLINE                              0          22           90         3881        12276
        TOTAL  (VESSELS)                      0          22           90         3881        12276

    TOTAL  (TRANSPORTATION)               63667       13055       155215       123580       982207

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       4219           7         1002         5966        34801
    AGRICULTURAL BURNING                   3529           0          494         4171        23204
    STRUCTURAL FIRES                        641           0           64          486         2625
    GASOLINE STA EVAP LOSS                    0           0            0        12954            0
    SOLVENT EVAPORATION LOSS                  0           0            0        67546            0
    UNPAVED ROADS                       1672566           0            0            0            0
    UNPAVED AIRSTRIPS                       141           0            0            0            0
    TOTAL  (MISCELLANEOUS)              1681096           7         1560        91123        60630
```

```
                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:17 KANSAS          AQCR:097 NORTHWEST KANSAS                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES         SOX              NOX              HC               CO
                               ************     ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               0                1                0                0                1
            DISTILLATE OIL                0               18               12                0                6
            NATURAL GAS                  42                0              332               35               83
            TOTAL (RESIDENTIAL)          42               19              344               35               90

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 28              315              233                1               11
            DISTILLATE OIL                1               10               11                0                2
            NATURAL GAS                  52                3             3689                4               88
            TOTAL (ELEC GEN)             81              328             3933                5              101

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             59              533              139                3                8
            RESIDUAL OIL
                AREA SOURCES             29              420              106                1                8
            DISTILLATE OIL
                AREA SOURCES              3               49               61                2                7
            NATURAL GAS
                AREA SOURCES             99                5            10298             3698             1353
                POINT SOURCES            12                1              152               10               24
            TOTAL (INDUSTRIAL)
                AREA SOURCES            190             1007            10604             3704             1376
                POINT SOURCES            12                1              152               10               24

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              2               12                2                0                0
            RESIDUAL OIL
                AREA SOURCES              0               12                2                0                0
            DISTILLATE OIL
                AREA SOURCES              1               35               21                0                2
            NATURAL GAS
                AREA SOURCES             17                0              224               11               39
            TOTAL (COMM-INST)
                AREA SOURCES             20               59              249               11               41

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            252             1085            11197             3750             1507
                POINT SOURCES            93              329             4085               15              125
```

AREA SOURCES	42	8	9	39	68
POINT SOURCES	14	1	10	77	560
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2948	119	712	4248	13306
POINT SOURCES	15	1	12	77	560
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	49012	1730	40000	61816	544147
LIGHT DUTY TRUCKS	7373	389	8380	11359	86814
HEAVY DUTY VEHICLES	2137	169	5233	7311	101199
OFF HIGHWAY	114	60	1134	4084	43802
TOTAL (GASOLINE)	58636	2348	54747	84570	775962
DIESEL					
HEAVY DUTY VEHICLES	5086	2152	19636	2805	8445
OFF HIGHWAY	265	222	2681	393	793
RAIL	143	324	2098	533	737
TOTAL (DIESEL)	5494	2698	24415	3731	9975
AIRCRAFT					
MILITARY	327	31	196	581	1047
CIVIL	4	2	6	98	4483
COMMERCIAL	48	105	985	1102	2459
TOTAL (AIRCRAFT)	379	138	1187	1781	7989
VESSELS					
DIESEL FUEL	417	521	3888	1021	1361
RESIDUAL OIL	352	4644	763	53	26
GASOLINE	0	35	132	5277	16581
TOTAL (VESSELS)	769	5200	4783	6351	17968
TOTAL (TRANSPORTATION)	65278	10384	85132	96433	811894
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	829	6	196	1173	6840
FOREST MANAGED BURNING	5643	42	1128	5080	31602
STRUCTURAL FIRES	427	0	53	320	1736
GASOLINE STA EVAP LOSS	0	0	0	9400	0
SOLVENT EVAPORATION LOSS	0	0	0	48261	0
UNPAVED ROADS	93822	0	0	0	0
TOTAL (MISCELLANEOUS)	100721	48	1377	64234	40178
GRAND TOTAL ***********					
AREA SOURCES	169781	15978	92470	166111	866502
POINT SOURCES	48799	437938	138282	1600	6228
TOTAL	218580	453916	230752	167711	872730

```
*** H02 ***                                                                                                              *** H02 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                                      AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:11 GEORGIA         AQCR:053 AUGUSTA-AIKEN                                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES          SOX               NOX                HC                CO
                                   *************     *************     *************     *************     *************
                                    TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                     0                11                 7                 0                 2
            NATURAL GAS                       32                 1               258                25                66
            WOOD                             690                15                27               139              4959
            TOTAL (RESIDENTIAL)              722                27               292               164              5027

        ELEC GENERATION (POINT)

            RESIDUAL OIL                       8                10                33                 2                 2
            NATURAL GAS                        1                 1                 1                 1                 1
            OTHER                           2575               162              1078               216               216
            TOTAL (ELEC GEN)                2584               173              1112               219               219

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES                658              5067               791                 7                65
            DISTILLATE OIL
                AREA SOURCES                  16               164               197                 8                27
                POINT SOURCES                 90               319               134                 6                31
            NATURAL GAS
                AREA SOURCES                  13                 0               463                93                55
                POINT SOURCES                150                 2              1797                 5                59
            WOOD
                POINT SOURCES                 17                56               198                40                40
            TOTAL (INDUSTRIAL)
                AREA SOURCES                  29               164               660               101                82
                POINT SOURCES                915              5444              2920                58               195

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                   4                 8                 3                 0                 1
            RESIDUAL OIL
                POINT SOURCES                 13               171                33                 1                 3
            DISTILLATE OIL
                AREA SOURCES                   2                35                26                 1                 5
                POINT SOURCES                  3               181                28                 1                 6
            NATURAL GAS
                AREA SOURCES                  12                 1               159                 9                27
                POINT SOURCES                  5                 0                87                 2                10
            LIQUID PETROL GAS
                POINT SOURCES                  1                 0                 5                 0                 1
            TOTAL (COMM-INST)
```

```
*** H04 ***                                                                                   *** H04 ***
TRANSPORTATION (AREA)
**********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         15710        531      12404      20501     179813
         LIGHT DUTY TRUCKS            2034        107       2337       3205      24408
         HEAVY DUTY VEHICLES           358         27        833       1299      17554
         OFF HIGHWAY                    34         19        346       1247      13373
         TOTAL (GASOLINE)            18136        684      15920      26252     235148

      DIESEL

         HEAVY DUTY VEHICLES           708        301       2812        409       1224
         OFF HIGHWAY                   228        192       2315        340        685
         RAIL                            1          2         17          3          7
         TOTAL (DIESEL)                937        495       5144        752       1916

   AIRCRAFT

      MILITARY                        1321        125        795       2351       4233
      CIVIL                              2          1          3         67       3079
      COMMERCIAL                       116        255       2389       2672       5959
      TOTAL (AIRCRAFT)                1439        381       3187       5090      13271

   VESSELS

      DIESEL FUEL                       17         20        152         39         54
      RESIDUAL OIL                      77       1022        167         11          6
      GASOLINE                           0          6         24        971       3051
      TOTAL (VESSELS)                   94       1048        343       1021       3111

   TOTAL (TRANSPORTATION)            20606       2608      24594      33115     253446

MISCELLANEOUS (AREA)
*********************

   FOREST WILDFIRES                    589          4        138        831       4843
   AGRICULTURAL BURNING               7631          0       1068       9019      50162
   STRUCTURAL FIRES                    220          1         26        165        895
   GASOLINE STA EVAP LOSS                0          0          0       3068          0
   SOLVENT EVAPORATION LOSS              0          0          0      14309          0
   UNPAVED ROADS                      6442          0          0          0          0
   TOTAL (MISCELLANEOUS)             14882          5       1232      27392      55900

GRAND TOTAL
***********

   AREA SOURCES                      37231       5660      27629      64026     320476

   POINT SOURCES                     16264      70895      31936       7346       4268

   TOTAL                             53495      76555      59565      71372     324744
```

```
*** H05 ***                                                                                                   *** H05 ***
INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                   30             0             0             0             0
   FOOD/AGRICULTURAL                       213             0             0             0             0
   PRIMARY METAL                          1689         19063             0             0             0
   SECONDARY METALS                          7             0             0             0             0
   MINERAL PRODUCTS                         35             0             0             0             0
   WOOD PRODUCTS                           655           200           301             0          8124
   TOTAL (INDUSTRIAL)                     2629         19263           301             0          8124

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 139             2             4           393          1175
      OPEN BURNING                         223             8            57           300           952
      TOTAL (RESIDENTIAL)                  362            10            61           693          2127

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                     0             0             0             0             1
            POINT SOURCES                    6             0             4            44           520
      TOTAL (COMM-INST)
            AREA SOURCES                     0             0             0             0             1
            POINT SOURCES                    6             0             4            44           520

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES                  288             9            78           499          5908
      TOTAL (INDUSTRIAL)
            POINT SOURCES                  288             9            78           499          5908

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                   362            10            61           693          2128
            POINT SOURCES                  294             9            82           543          6428

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              1625            94          2376          3135         24302
         LIGHT DUTY TRUCKS                 873            71          1659          1860         13055
         HEAVY DUTY VEHICLES               125            13           442           484          6675
         OFF HIGHWAY                        12             8           119           429          4597
         TOTAL (GASOLINE)                 2635           186          4596          5908         48629

      DIESEL

         HEAVY DUTY VEHICLES               539           263          2601           322           909
         OFF HIGHWAY                       109            91          1094           160           324
         RAIL                               68           155          1003           255           354
         TOTAL (DIESEL)                    716           509          4698           737          1587

   AIRCRAFT

      MILITARY                               2             0             1             3             5
      CIVIL                                  0             0             1            20           961
      COMMERCIAL                             4             8            73            82           183
      TOTAL (AIRCRAFT)                       6             8            75           105          1149
```

```
    CHEMICAL MANUFACTURING              270          0          0          0          0
    TOTAL (INDUSTRIAL)                  270          0          0          0          0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             26          0          1         73        219
        OPEN BURNING                     72          3         18         97        308
        TOTAL (RESIDENTIAL)              98          3         19        170        527

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             98          3         19        170        527

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         239         16        391        437       3373
            LIGHT DUTY TRUCKS            67          6        141        144        983
            HEAVY DUTY VEHICLES          30          4        140        124       1686
            OFF HIGHWAY                   7          4         72        258       2765
            TOTAL (GASOLINE)            343         30        744        963       8807

        DIESEL

            HEAVY DUTY VEHICLES          23         13        129         13         37
            OFF HIGHWAY                  22         18        221         32         65
            RAIL                          8         17        111         28         39
            TOTAL (DIESEL)               53         48        461         73        141

    AIRCRAFT

        CIVIL                             0          0          0          1         47
        TOTAL (AIRCRAFT)                  0          0          0          1         47

    VESSELS

        DIESEL FUEL                       3          3         26          7          9
        GASOLINE                          0          2          9        377       1185
        TOTAL (VESSELS)                   3          5         35        384       1194

    TOTAL (TRANSPORTATION)              399         83       1240       1421      10189

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                      5          0          1          4         22
    GASOLINE STA EVAP LOSS                0          0          0        142          0
    SOLVENT EVAPORATION LOSS              0          0          0        893          0
    UNPAVED ROADS                      1958          0          0          0          0
    TOTAL (MISCELLANEOUS)              1963          0          1       1039         22

GRAND TOTAL
***********

    AREA SOURCES                       2483        249       1397       2641      10763

    POINT SOURCES                       272          0         65         87        252

    TOTAL                              2755        249       1462       2728      11015
```

```
                  POINT SOURCES          11851        164266         30050           601          1983

     INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

           NATURAL GAS                       3             0          1340           551           168
           TOTAL (INDUSTRIAL)                3             0          1340           551           168

        TOTAL (INTERNAL COMB)                3             0          1340           551           168

     TOTAL (FUEL COMBUSTION)

                  AREA SOURCES              59           273           244            25            67
                  POINT SOURCES          11854        164266         31390          1152          2151

INDUSTRIAL PROCESS (POINT)
**************************

     FOOD/AGRICULTURAL                     850             0             0             3             0
     SECONDARY METALS                      122             0             0             0             0
     MINERAL PRODUCTS                     1674          9261          2867             0             0
     ORGANIC SOLVENT EVAPORATION             0             0             0            72             0
     PETROLEUM STORAGE/TRANSPORT             0             0             0           117             0
     OTHER/NOT CLASSIFIED                    8             0             0             0             0
     TOTAL (INDUSTRIAL)                   2654          9261          2867           192             0

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION                63             0             2           175           528
        OPEN BURNING                       206             8            52           279           883
        TOTAL (RESIDENTIAL)                269             8            54           454          1411

     INDUSTRIAL

        ON SITE INCINERATION
                  POINT SOURCES              1             0             0             0             3
        TOTAL (INDUSTRIAL)
                  POINT SOURCES              1             0             0             0             3

     TOTAL (SOLID WASTE DISP)
                  AREA SOURCES             269             8            54           454          1411
                  POINT SOURCES              1             0             0             0             3

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES            1034            66          1604          1860         14572
           LIGHT DUTY TRUCKS               334            31           706           732          5010
           HEAVY DUTY VEHICLES              77             9           348           315          4287
           OFF HIGHWAY                      12             7           119           429          4594
           TOTAL (GASOLINE)               1457           113          2777          3336         28463

        DIESEL

           HEAVY DUTY VEHICLES              74            40           402            45           123
           OFF HIGHWAY                      31            26           316            47            94
           RAIL                             22            50           325            83           114
           TOTAL (DIESEL)                  127           116          1043           175           331
```

```
*** H09 ***                                                                                       *** H09 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE EMISSIONS REPORT                                               RUN DATE:  TUESDAY     JANUARY 26, 1982
******************************                          AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE 15:INDIANA                                       POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES       SOX             NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                 4             36              1              1            143
         DISTILLATE OIL                354           4075           2546            145            709
         NATURAL GAS                   954             43           7634            763           1913
         WOOD                         1392             21             52            283           9981
         TOTAL (RESIDENTIAL)          2704           4175          10233           1192          12746

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             25600        1499021         391371           5784          25753
         RESIDUAL OIL                    0              1              3              0              0
         DISTILLATE OIL                 28            979           1440             20            101
         NATURAL GAS                     1              0            850              0             41
         TOTAL (ELEC GEN)            25629        1500001         393664           5804          25895

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             18306         115954          24416            733           1585
            POINT SOURCES            28997         146369          28042           1140           2619
         RESIDUAL OIL
            AREA SOURCES               153           2188            554              4             41
            POINT SOURCES             1673          15767          15286            359           1194
         DISTILLATE OIL
            AREA SOURCES                93            953           1168             58            166
            POINT SOURCES              214           1689            804             48            111
         NATURAL GAS
            AREA SOURCES               525             23           9459            154            893
            POINT SOURCES              379           1006          14688            160            722
         PROCESS GAS
            POINT SOURCES              526          13080           1027             16             62
         WOOD
            POINT SOURCES              320             89            547            334            337
         LIQUID PETROL GAS
            POINT SOURCES                2              5             19              0              2
         OTHER
            POINT SOURCES               17           1151             96              4             23
         TOTAL (INDUSTRIAL)
            AREA SOURCES             19077         119118          35597            949           2685
            POINT SOURCES            32128         179156          60509           2061           5070

      COMM-INSTITUTIONAL FUEL
```

```
*** H10 ***                                                                                                   *** H10 ***
              AREA SOURCES                  53            741            187              2             16
          DISTILLATE OIL
              AREA SOURCES                   6            102             77              2             19
              POINT SOURCES                  1              8              5              1              1
          NATURAL GAS
              AREA SOURCES                  25              1            295             20             51
          WOOD
              POINT SOURCES                  1              0              3              1              0
          TOTAL (COMM-INST)
              AREA SOURCES                  86            850            561             24             86
              POINT SOURCES                  6            167             38              5              7

       TOTAL (EXTERNAL COMB)
              AREA SOURCES                1340           7910           3345            152            846
              POINT SOURCES              17107         662889         112278           2600           7288

    INTERNAL COMBUSTION (POINT)

       INDUSTRIAL FUEL

          NATURAL GAS                        2              1           4338           1777            556
          TOTAL (INDUSTRIAL)                 2              1           4338           1777            556

       TOTAL (INTERNAL COMB)                 2              1           4338           1777            556

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                1340           7910           3345            152            846
              POINT SOURCES              17109         662890         116616           4377           7844

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  21              0              0             46              0
    FOOD/AGRICULTURAL                     1159              0              0            109              0
    PRIMARY METAL                          268             45             39            117            110
    SECONDARY METALS                      6132              0              0              0             74
    MINERAL PRODUCTS                      1464              3             47             27            129
    PETROLEUM INDUSTRY                      38           1649            278           1051           1280
    WOOD PRODUCTS                          294              0              0              4              0
    ORGANIC SOLVENT EVAPORATION            120              0              0           5097              0
    PETROLEUM STORAGE/TRANSPORT              0              0              0           2685              0
    OTHER/NOT CLASSIFIED                     3              3             36              7              7
    TOTAL (INDUSTRIAL)                    9499           1702            400           9143           1600

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                268              2              8            752           2252
       OPEN BURNING                        535             20            138            723           2291
       TOTAL (RESIDENTIAL)                 803             22            146           1475           4543

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES                  63             19             30             35             87
       OPEN BURNING
              AREA SOURCES                   1              0              0              2              4
       TOTAL (COMM-INST)
              AREA SOURCES                  64             19             30             37             91

    INDUSTRIAL

       ON SITE INCINERATION
```

```
      OPEN BURNING
            AREA SOURCES                   3               0               0               6              12
      TOTAL (COMM-INST)
            AREA SOURCES                 157              44              76              94             223
            POINT SOURCES                268             111             645             102             131

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                  65              13              13              60              91
            POINT SOURCES                 26               9              11              11              37
      OPEN BURNING
            AREA SOURCES                  37               0               9              53             205
      TOTAL (INDUSTRIAL)
            AREA SOURCES                 102              13              22             113             296
            POINT SOURCES                 26               9              11              11              37

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                2222             111             454            3810           11636
            POINT SOURCES                294             120             656             113             168

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           13020             630           15072           19488          164791
         LIGHT DUTY TRUCKS              4001             277            6340            7506           55280
         HEAVY DUTY VEHICLES             988             106            3717            3932           53459
         OFF HIGHWAY                     118              62            1187            4279           45890
         TOTAL (GASOLINE)              18127            1075           26316           35205          319420

      DIESEL

         HEAVY DUTY VEHICLES            2352            1178           11635            1379            3892
         OFF HIGHWAY                     362             308            3674             538            1087
         RAIL                            281             645            4165            1057            1465
         TOTAL (DIESEL)                 2995            2131           19474            2974            6444

   AIRCRAFT

      MILITARY                           184              17             111             327             588
      CIVIL                                0               0               2              55            2626
      COMMERCIAL                           6              14             130             146             325
      TOTAL (AIRCRAFT)                   190              31             243             528            3539

   VESSELS

      GASOLINE                             0              11              40            1632            5125
      TOTAL (VESSELS)                      0              11              40            1632            5125

   TOTAL (TRANSPORTATION)              21312            3248           46073           40339          334528

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                        6               0               2               8              44
   STRUCTURAL FIRES                      233               0              28             173             935
   GASOLINE STA EVAP LOSS                  0               0               0            4224               0
   SOLVENT EVAPORATION LOSS                0               0               0           34099               0
   UNPAVED ROADS                       19247               0               0               0               0
   TOTAL (MISCELLANEOUS)               19486               0              30           38504             979

GRAND TOTAL
```

```
*** H14 ***                                                                                         *** H14 ***
***********
    AREA SOURCES                      8721          121          928          1028          6458
    POINT SOURCES                      164            0            0             0             0
    TOTAL                             8885          121          928          1028          6458
```

DISTILLATE OIL					
AREA SOURCES	3	67	50	1	12
NATURAL GAS					
AREA SOURCES	19	1	239	16	41
POINT SOURCES	0	0	6	0	0
TOTAL (COMM-INST)					
AREA SOURCES	112	400	374	19	62
POINT SOURCES	0	0	6	0	0
TOTAL (EXTERNAL COMB)					
AREA SOURCES	413	1497	1780	349	1026
POINT SOURCES	5268	6389	1352	43	104
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	12	68	75	6	0
NATURAL GAS	14	0	196	19	0
TOTAL (ELEC GEN)	26	68	271	25	0
INDUSTRIAL FUEL					
DISTILLATE OIL	2	6	24	2	5
TOTAL (INDUSTRIAL)	2	6	24	2	5
TOTAL (INTERNAL COMB)	28	74	295	27	5
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	413	1497	1780	349	1026
POINT SOURCES	5296	6463	1647	70	109
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	46	0	0	19	0
FOOD/AGRICULTURAL	1907	0	0	0	0
SECONDARY METALS	170	0	1	0	1367
MINERAL PRODUCTS	181	1	11	1	3
ORGANIC SOLVENT EVAPORATION	0	0	0	1	0
OTHER/NOT CLASSIFIED	6	0	0	0	0
TOTAL (INDUSTRIAL)	2310	1	12	21	1370
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	232	2	6	650	1948
OPEN BURNING	452	17	116	611	1936
TOTAL (RESIDENTIAL)	684	19	122	1261	3884
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	85	28	41	51	119
POINT SOURCES	0	0	0	1	10
TOTAL (COMM-INST)					
AREA SOURCES	85	28	41	51	119
POINT SOURCES	0	0	0	1	10
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	40	10	10	35	52

```
*** H16 ***                                                                                  *** H16 ***
GRAND TOTAL
***********

   AREA SOURCES                    1754723         29189        309307        276630       1098455

   POINT SOURCES                    112492        156185        321248         82058         64554

   TOTAL                           1867215        185374        630555        358688       1163009
```

```
  INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL                      6          5        334        109         51
        NATURAL GAS                         2          2        125         45         18
        TOTAL (ELEC GEN)                    8          7        459        154         69

     INDUSTRIAL FUEL

        NATURAL GAS                         0          1       4256       1751        540
        TOTAL (INDUSTRIAL)                  0          1       4256       1751        540

     TOTAL (INTERNAL COMB)                  8          8       4715       1905        609

  TOTAL (FUEL COMBUSTION)

           AREA SOURCES                   252       1085      11197       3750       1507
           POINT SOURCES                  101        337       8800       1920        734

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                    0          0          0         25          0
  FOOD/AGRICULTURAL                     12616          0          0          0          0
  MINERAL PRODUCTS                        464          0          2          0          0
  PETROLEUM INDUSTRY                      253        538        132        196        148
  PETROLEUM STORAGE/TRANSPORT               0          0          0        399          0
  TOTAL (INDUSTRIAL)                    13333        538        134        620        148

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

     OPEN BURNING                         391         17         98        525       1669
     TOTAL (RESIDENTIAL)                  391         17         98        525       1669

  COMMERCIAL-INSTITUTIONAL

     OPEN BURNING
           AREA SOURCES                     1          0          0          2          4
     TOTAL (COMM-INST)
           AREA SOURCES                     1          0          0          2          4

  INDUSTRIAL

     OPEN BURNING
           AREA SOURCES                     1          0          0          1          5
     TOTAL (INDUSTRIAL)
           AREA SOURCES                     1          0          0          1          5

  TOTAL (SOLID WASTE DISP)
           AREA SOURCES                   393         17         98        528       1678

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES              2642        166       4035       4971      38379
        LIGHT DUTY TRUCKS                1216        108       2454       2630      18013
        HEAVY DUTY VEHICLES               313         41       1471       1287      17670
        OFF HIGHWAY                        61         32        588       2117      22695
```

```
*** H18 ***                                                                                              *** H18 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                          ********************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                          *********************************

                                                                        RUN DATE:  TUESDAY   JANUARY 26, 1982
STATE EMISSIONS REPORT                                       AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
****************************                                POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981
STATE 18:KENTUCKY

                              PARTICULATES          SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL          1139             2975              169             1139             5088
            DISTILLATE OIL             53              715              448               11              116
            NATURAL GAS               437               16             3513              347              885
            WOOD                     3978               74              159              804            28566
            TOTAL (RESIDENTIAL)      5607             3780             4289             2301            34655

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         52050          1068937           322008             3386            13069
            DISTILLATE OIL           1188               46            22642               21             1883
            NATURAL GAS                 1                0              279                0                7
            TOTAL (ELEC GEN)        53239          1068983           344929             3407            14959

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         3572            23234             6354              184              409
                POINT SOURCES        6993            27940             8479              357              900
            LIGNITE
                POINT SOURCES           0                0                0                0                1
            RESIDUAL OIL
                POINT SOURCES         502             3760             2123               68              248
            DISTILLATE OIL
                AREA SOURCES          244             2392             2908              147              412
                POINT SOURCES          48              874              598               37               85
            NATURAL GAS
                AREA SOURCES          117                3            27755            10992             3780
                POINT SOURCES         612                7             6314              406             1265
            PROCESS GAS
                POINT SOURCES          57             1006              249               14               16
            COKE
                POINT SOURCES         189              516              498                0               51
            WOOD
                POINT SOURCES         490               53              389              132              170
            LIQUID PETROL GAS
                POINT SOURCES           2                1               18                0                2
            OTHER
                POINT SOURCES           5               33               39                0                3
            TOTAL (INDUSTRIAL)
                AREA SOURCES         3933            25629            37017            11323             4601
                POINT SOURCES        8898            34190            18707             1014             2741

        COMM-INSTITUTIONAL FUEL
```

```
*** I02 ***                                                                                                    *** I02 ***
                    AREA SOURCES                  18             44             188            10             33
                    POINT SOURCES                 22            352             153             4             20

          TOTAL (EXTERNAL COMB)
                    AREA SOURCES                 769            235            1140           275           5142
                    POINT SOURCES               3521           5969            4185           281            434

     INTERNAL COMBUSTION (POINT)

          INDUSTRIAL FUEL

               NATURAL GAS                         1              0             896           369            628
               TOTAL (INDUSTRIAL)                  1              0             896           369            628

          TOTAL (INTERNAL COMB)                    1              0             896           369            628

     TOTAL (FUEL COMBUSTION)

                    AREA SOURCES                 769            235            1140           275           5142
                    POINT SOURCES               3522           5969            5081           650           1062

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                      601           1811            2346           646              0
     PRIMARY METAL                               386            118               0             0              0
     SECONDARY METALS                             28              0               0             0              0
     MINERAL PRODUCTS                            160           1444               0             0              0
     WOOD PRODUCTS                               882            899             285             0           6466
     ORGANIC SOLVENT EVAPORATION                   0              0               0             6              0
     PETROLEUM STORAGE/TRANSPORT                   0              0               0            26              0
     TOTAL (INDUSTRIAL)                         2057           4272            2631           678           6466

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

          OPEN BURNING                           519             20             132           699           2216
          TOTAL (RESIDENTIAL)                    519             20             132           699           2216

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    AREA SOURCES                  11              3               6             7             17
          OPEN BURNING
                    AREA SOURCES                   2              0               1             3              9
          TOTAL (COMM-INST)
                    AREA SOURCES                  13              3               7            10             26

     INDUSTRIAL

          OPEN BURNING
                    AREA SOURCES                  36              1              12            61            219
          TOTAL (INDUSTRIAL)
                    AREA SOURCES                  36              1              12            61            219

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES                 568             24             151           770           2461

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE
```

```
*** I03 ***                                                                                         *** I03 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                           AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:11 GEORGIA        AQCR:057 NORTHEAST GEORGIA

                                PARTICULATES        SOX            NOX             HC             CO
                                ************   ************   ************   ************   ************
                                 TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    1             31             17              0              4
         NATURAL GAS                      54              1            435             45            110
         WOOD                            681             14             27            140           4869
         TOTAL (RESIDENTIAL)             736             46            479            185           4983

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                  16            190             75              5             10
         OTHER                            57            156           1486            297            297
         TOTAL (ELEC GEN)                 73            346           1561            302            307

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                 22             71             19              1              3
         RESIDUAL OIL
            POINT SOURCES                111           1466            263              4             21
         DISTILLATE OIL
            AREA SOURCES                  23            237            291             16             43
         NATURAL GAS
            AREA SOURCES                  31              0           1059            218            122
            POINT SOURCES                 45            100             42              0              3
         WOOD
            POINT SOURCES                 30             69            462             92             92
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  54            237           1350            234            165
            POINT SOURCES                208           1706            786             97            119

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                   5              9              4              0              0
            POINT SOURCES                  2             21              8              1              1
         DISTILLATE OIL
            AREA SOURCES                   2             44             32              0              4
            POINT SOURCES                  0             12              4              0              1
         NATURAL GAS
            AREA SOURCES                  15              0            182             10             30
            POINT SOURCES                  4              0            253              0              7
         TOTAL (COMM-INST)
            AREA SOURCES                  22             53            218             10             34
            POINT SOURCES                  6             33            265              1              9
```

```
*** I05 ***                                                                                   *** I05 ***
    VESSELS

        GASOLINE                          0            0            2          105          330
        TOTAL (VESSELS)                   0            0            2          105          330

    TOTAL (TRANSPORTATION)             3357          703         9371         6855        51695

MISCELLANEOUS (AREA)
*********************

    FOREST WILDFIRES                   1079           10          254         1522         8879
    FOREST MANAGED BURNING             1780           13          356         1602         9966
    AGRICULTURAL BURNING                  4            0            1            5           27
    STRUCTURAL FIRES                     34            0            4           25          136
    GASOLINE STA EVAP LOSS                0            0            0          784            0
    SOLVENT EVAPORATION LOSS              0            0            0         3471            0
    UNPAVED ROADS                     17861            0            0            0            0
    TOTAL (MISCELLANEOUS)             20758           23          615         7409        19008

GRAND TOTAL
***********

    AREA SOURCES                      25124         1626        11028        15272        76593

    POINT SOURCES                      5397        20683         8471         1995        16010

    TOTAL                             30521        22309        19499        17267        92603
```

```
*** I06 ***                                                                                         *** I06 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:14 ILLINOIS        AQCR:065 BURLINGTON-KEOKUK             POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX           NOX            HC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 8            37             0             8            41
         DISTILLATE OIL                 14           153            96             6            26
         NATURAL GAS                   148             8          1185           119           297
         TOTAL (RESIDENTIAL)           170           198          1281           133           364

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             12020        135803        119336          1265          4226
         RESIDUAL OIL                  288          3091          2432            23           114
         DISTILLATE OIL                  0            21            10             0             2
         NATURAL GAS                   447         21794         45223             0             5
         TOTAL (ELEC GEN)            12755        160709        167001          1288          4347

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               349          2007           530            16            33
            POINT SOURCES              516         12697          4205           113           272
         LIGNITE
            POINT SOURCES               67           103            22             0             1
         RESIDUAL OIL
            POINT SOURCES               22           290           126             2             8
         DISTILLATE OIL
            POINT SOURCES              104          1110          1099            50           104
         NATURAL GAS
            AREA SOURCES                28             1           795           135            87
            POINT SOURCES               53             3          1507           200            87
         TOTAL (INDUSTRIAL)
            AREA SOURCES               377          2008          1325           151           120
            POINT SOURCES              762         14203          6959           365           472

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                17            44            20             0             1
            POINT SOURCES               57           146             1             0             0
         BITUMINOUS COAL
            POINT SOURCES                4            28             2             1             3
         RESIDUAL OIL
            AREA SOURCES                51           697           176             2            14
            POINT SOURCES               32           429           163             3            13
         DISTILLATE OIL
```

```
*** I08 ***                                                                                           *** I08 ***
    AIRCRAFT

        CIVIL                                    0             0             0             2            86
        TOTAL (AIRCRAFT)                         0             0             0             2            86

    VESSELS

        DIESEL FUEL                             13            17           128            35            44
        GASOLINE                                 0             5            22           869          2729
        TOTAL (VESSELS)                         13            22           150           904          2773

    TOTAL (TRANSPORTATION)                    1597           251          3970          4417         31653

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                             6             0             0             7            39
    STRUCTURAL FIRES                            17             0             1            15            74
    GASOLINE STA EVAP LOSS                       0             0             0           360             0
    SOLVENT EVAPORATION LOSS                     0             0             0          2040             0
    UNPAVED ROADS                             3184             0             0             0             0
    TOTAL (MISCELLANEOUS)                     3207             0             1          2422           113

GRAND TOTAL
***********

    AREA SOURCES                              5132           532          4269          7318         33244

    POINT SOURCES                            14509        173527         34257          1344          2154

    TOTAL                                    19641        174059         38526          8662         35398
```

```
*** I09 ***                                                                                   *** I09 ***
          ANTHRACITE COAL
              AREA SOURCES                15          53          16           0           0
          BITUMINOUS COAL
              POINT SOURCES             4935       17750        2899         243         346
          RESIDUAL OIL
              AREA SOURCES               784       10989        2768          37         233
              POINT SOURCES               57         229         160           9          15
          DISTILLATE OIL
              AREA SOURCES                95        1507        1151          43         266
              POINT SOURCES               18          85          70         226          35
          NATURAL GAS
              AREA SOURCES               365          15        4350         292         732
              POINT SOURCES                9           3         147           4          18
          WOOD
              POINT SOURCES                8           2          55          52          51
          OTHER
              POINT SOURCES                0           0           8           0           2
          TOTAL (COMM-INST)
              AREA SOURCES              1259       12564        8285         372        1231
              POINT SOURCES             5027       18069        3339         534         467

       TOTAL (EXTERNAL COMB)
              AREA SOURCES             23040      135857       54115        2513       16662
              POINT SOURCES            62784     1697226      457512        8399       31432

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                   9          44         147          10          32
          TOTAL (ELEC GEN)                 9          44         147          10          32

       INDUSTRIAL FUEL

          DISTILLATE OIL                   6           6          99           8          22
          NATURAL GAS                     52           4       21134        8658        2709
          GASOLINE                         0           0           1           1          24
          OTHER                            0           0           4           0           1
          TOTAL (INDUSTRIAL)              58          10       21238        8667        2756

       COMM-INSTITUTIONAL

          TOTAL (COMM-INST)                1           3          10           1           2

       ENGINE-TESTING

          TOTAL (ENG TESTNG)              61          60         804         128         324

       TOTAL (INTERNAL COMB)             129         117       22199        8806        3114

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES            23040      135857       54115        2513       16662
               POINT SOURCES           62913     1697343      479711       17205       34546

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              2153        8977         493        3521        2222
    FOOD/AGRICULTURAL                  19113          32          60       17069          13
    PRIMARY METAL                      42055       41720       16355       26921      275333
    SECONDARY METALS                   11660        3445         234         586       60462
    MINERAL PRODUCTS                   34720        5093        5645        1114         556
    PETROLEUM INDUSTRY                  2613       38500       10644        4962        2250
    WOOD PRODUCTS                        452           0           0         966           0
    ORGANIC SOLVENT EVAPORATION          908           0          39       91925          80
```

```
*** I10 ***                                                                                    *** I10 ***
              AREA SOURCES              35          7          7          30          46
      OPEN BURNING
              AREA SOURCES              18          1          4          28         105
      TOTAL (INDUSTRIAL)
              AREA SOURCES              53          8         11          58         151

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             920         49        187        1570        4785

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          5657        245       5896        8212       71205
         LIGHT DUTY TRUCKS            1715        111       2505        3025       22808
         HEAVY DUTY VEHICLES           484         47       1589        1790       24664
         OFF HIGHWAY                    39         20        386        1392       14910
         TOTAL (GASOLINE)             7895        423      10376       14419      133587

      DIESEL

         HEAVY DUTY VEHICLES          1727        796       7744        1000        2832
         OFF HIGHWAY                   153        127       1546         226         457
         RAIL                          117        267       1736         440         610
         TOTAL (DIESEL)               1997       1190      11026        1666        3899

   AIRCRAFT

      MILITARY                           9          1          5          16          29
      CIVIL                              0          0          1          15         637
      COMMERCIAL                         3          7         67          75         167
      TOTAL (AIRCRAFT)                  12          8         73         106         833

   VESSELS

      GASOLINE                           0         11         37        1509        4737
      TOTAL (VESSELS)                    0         11         37        1509        4737

   TOTAL (TRANSPORTATION)             9904       1632      21512       17700      143056

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     14          0          4          21         120
   STRUCTURAL FIRES                     94          0         12          72         382
   GASOLINE STA EVAP LOSS                0          0          0        1500           0
   SOLVENT EVAPORATION LOSS              0          0          0       14456           0
   UNPAVED ROADS                      5162          0          0           0           0
   TOTAL (MISCELLANEOUS)              5270          0         16       16049         502

GRAND TOTAL
***********

   AREA SOURCES                      17434       9591      25060       35471      149189

   POINT SOURCES                     26608     664592     117016       13520        9444

   TOTAL                             44042     674183     142076       48991      158633
```

```
*** I11 ***                                                                                           *** I11 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:    TUESDAY    JANUARY 26, 1982
***************************                                  AREA EMISSIONS AS OF:    TUESDAY       JULY 21, 1981
STATE:15 INDIANA       AQCR:081 NORTHEAST INDIANA           POINT EMISSIONS AS OF:    THURSDAY       MAY 28, 1981

                               PARTICULATES       SOX            NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                 0              4              0              0             14
         DISTILLATE OIL                 37            426            265             15             72
         NATURAL GAS                    90              3            712             70            179
         WOOD                          165              3              7             34           1179
         TOTAL (RESIDENTIAL)           292            436            984            119           1444

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             2317          14684           3092             93            200
             POINT SOURCES             180           1548            476             30             61
         RESIDUAL OIL
             AREA SOURCES               18            240             61              0              4
             POINT SOURCES             105            705            304             12             22
         DISTILLATE OIL
             AREA SOURCES               14            125            153              8             24
             POINT SOURCES              29            238            119              4             12
         NATURAL GAS
             AREA SOURCES               63              2           1149             20            109
             POINT SOURCES              21              2            337             16             26
         LIQUID PETROL GAS
             POINT SOURCES               2              0             13              0              2
         TOTAL (INDUSTRIAL)
             AREA SOURCES             2412          15051           4455            121            337
             POINT SOURCES             337           2493           1249             62            123

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES                1              4              1              0              0
         RESIDUAL OIL
             AREA SOURCES               87           1229            310              4             26
         DISTILLATE OIL
             AREA SOURCES               10            168            128              4             29
         NATURAL GAS
             AREA SOURCES               40              2            487             33             82
             POINT SOURCES               0              0              2              0              0
         TOTAL (COMM-INST)
             AREA SOURCES              138           1403            926             41            137
             POINT SOURCES               0              0              2              0              0

      TOTAL (EXTERNAL COMB)
```

```
*** I12 ***
***********
    AREA SOURCES                  47153        28012        55926        83058       349606
    POINT SOURCES                 34133       317837        98629        18435        13095
    TOTAL                         81286       345849       154555       101493       362701
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                              AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:16 IOWA          AQCR:069 METROPOLITAN QUAD CITIES  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES         SOX            NOX             HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 9            37              1             37             39
         DISTILLATE OIL                 12           140             89              7             25
         NATURAL GAS                    57             3            455             42            114
         WOOD                           10             0              0              3             72
         TOTAL (RESIDENTIAL)            88           180            545             89            250

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              5708         75743          22051            500            961
         DISTILLATE OIL                  0             4              2              0              0
         NATURAL GAS                    10             0            590              2             18
         TOTAL (ELEC GEN)             5718         75747          22643            502            979

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES              459             0              0              0              0
         BITUMINOUS COAL
            AREA SOURCES               390          2850            652             20             42
            POINT SOURCES             3009         35086          13937            171            473
         RESIDUAL OIL
            AREA SOURCES                14           185             48              0              3
            POINT SOURCES               14             4              2              0              0
         DISTILLATE OIL
            AREA SOURCES                 4            41             48              3              6
            POINT SOURCES               10           512            162              7             35
         NATURAL GAS
            AREA SOURCES                 6             0           1564            625            213
            POINT SOURCES               82             3           3641             11             97
         TOTAL (INDUSTRIAL)
            AREA SOURCES               414          3076           2312            648            264
            POINT SOURCES             3574         35605          17742            189            605

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                26            61             27              0              1
         BITUMINOUS COAL
            AREA SOURCES                87           296             54              4             11
         RESIDUAL OIL
            AREA SOURCES                 8           112             29              1              2
```

```
*** I15 ***                                                                                      *** I15 ***
      TOTAL (INDUSTRIAL)
              AREA SOURCES              40            10            10            35            52

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             809            57           173          1347          4055
              POINT SOURCES              0             0             0             1            10

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          3467           193          4820          6053         48692
         LIGHT DUTY TRUCKS            1052            89          2043          2193         15467
         HEAVY DUTY VEHICLES           267            32          1189          1106         15072
         OFF HIGHWAY                    58            30           574          2064         22124
         TOTAL (GASOLINE)             4844           344          8626         11416        101355

      DIESEL

         HEAVY DUTY VEHICLES           556           299          3019           333           923
         OFF HIGHWAY                    92            74           903           133           268
         RAIL                           60           137           894           228           315
         TOTAL (DIESEL)                708           510          4816           694          1506

   AIRCRAFT

      CIVIL                              0             0             0            18           781
      TOTAL (AIRCRAFT)                   0             0             0            18           781

   VESSELS

      GASOLINE                           0             1             5           215           675
      TOTAL (VESSELS)                    0             1             5           215           675

   TOTAL (TRANSPORTATION)             5552           855         13447         12343        104317

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     24             0             5            33           189
   STRUCTURAL FIRES                     61             0             8            46           252
   GASOLINE STA EVAP LOSS                0             0             0          1335             0
   SOLVENT EVAPORATION LOSS              0             0             0          8460             0
   UNPAVED ROADS                     87614             0             0             0             0
   TOTAL (MISCELLANEOUS)             87699             0            13          9874           441

GRAND TOTAL
***********

   AREA SOURCES                      94473          2409         15413         23913        109839

   POINT SOURCES                      7606          6464          1659            92          1489

   TOTAL                            102079          8873         17072         24005        111328
```

```
         TOTAL (GASOLINE)                    4232          347         8548        11005        96757

      DIESEL

         HEAVY DUTY VEHICLES                  813          445         4390          471         1328
         OFF HIGHWAY                          109           88         1086          159          323
         RAIL                                 153          349         2256          574          793
         TOTAL (DIESEL)                      1075          882         7732         1204         2444

    AIRCRAFT

      CIVIL                                     0            0            0           27         1174
      TOTAL (AIRCRAFT)                          0            0            0           27         1174

    VESSELS

      GASOLINE                                  0            3            9          397         1248
      TOTAL (VESSELS)                           0            3            9          397         1248

    TOTAL (TRANSPORTATION)                   5307         1232        16289        12633       101623

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         1021            0          243         1444         8413
    STRUCTURAL FIRES                           44            0            2           36          191
    GASOLINE STA EVAP LOSS                      0            0            0         1325            0
    SOLVENT EVAPORATION LOSS                    0            0            0         2814            0
    UNPAVED ROADS                          311946            0            0            0            0
    UNPAVED AIRSTRIPS                          43            0            0            0            0
    TOTAL (MISCELLANEOUS)                  313054            0          245         5619         8604

GRAND TOTAL
***********

    AREA SOURCES                           319006         2334        27829        22530       113412

    POINT SOURCES                           13434          875         8934         2540          882

    TOTAL                                  332440         3209        36763        25070       114294
```

ANTHRACITE COAL					
AREA SOURCES	363	885	381	0	26
BITUMINOUS COAL					
POINT SOURCES	668	2380	533	53	152
RESIDUAL OIL					
AREA SOURCES	1	43	9	0	0
POINT SOURCES	1	30	15	0	0
DISTILLATE OIL					
AREA SOURCES	60	1009	771	25	165
POINT SOURCES	5	135	63	2	14
NATURAL GAS					
AREA SOURCES	0	0	9	0	1
POINT SOURCES	160	9	2207	121	316
WOOD					
POINT SOURCES	68	10	67	28	28
LIQUID PETROL GAS					
POINT SOURCES	0	6	1	0	0
OTHER					
POINT SOURCES	5	0	46	4	9
TOTAL (COMM-INST)					
AREA SOURCES	424	1937	1170	25	192
POINT SOURCES	907	2570	2932	208	519
TOTAL (EXTERNAL COMB)					
AREA SOURCES	9964	31346	42476	13649	39448
POINT SOURCES	63044	1105743	366568	4629	18219
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
DISTILLATE OIL	1	5	12	1	3
NATURAL GAS	21	1	7275	2942	994
TOTAL (INDUSTRIAL)	22	6	7287	2943	997
TOTAL (INTERNAL COMB)	22	6	7287	2943	997
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	9964	31346	42476	13649	39448
POINT SOURCES	63066	1105749	373855	7572	19216
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	15194	13110	199	41244	15135
FOOD/AGRICULTURAL	3028	0	0	25406	0
PRIMARY METAL	10868	6539	1103	2901	57130
SECONDARY METALS	1814	232	169	2472	1530
MINERAL PRODUCTS	147500	18893	12935	1444	1680
PETROLEUM INDUSTRY	1187	15180	3594	7663	6458
WOOD PRODUCTS	2016	601	252	148	11079
ORGANIC SOLVENT EVAPORATION	196	8	79	53531	6
PETROLEUM STORAGE/TRANSPORT	4	0	0	11594	1
METAL FABRICATION	169	4	112	183	26
TEXTILE MANUFACTURING	19	0	12	6	0
OTHER/NOT CLASSIFIED	263	632	806	1949	358
TOTAL (INDUSTRIAL)	182258	55199	19261	148541	93403
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					

```
*** J01 ***                                                                                            *** J01 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                          **********************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                          ***********************************

                                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                         AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
******************************                                POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE 11:GEORGIA

                            PARTICULATES        SOX            NOX             HC              CO
                            ************   ************   ************   ************   ************
                             TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               9            207            120              2             26
         NATURAL GAS                532             18           4244            422           1071
         WOOD                      4857             92            196            988          34821
         TOTAL (RESIDENTIAL)       5398            317           4560           1412          35918

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          25983         739925         116176           1930           6423
         RESIDUAL OIL              1406          17684           6034            101            286
         DISTILLATE OIL               4           1608            526              2             25
         NATURAL GAS                126            282           3207             23             83
         OTHER                     7431           4021          27302           5489           5457
         TOTAL (ELEC GEN)         34950         763520         153245           7545          12274

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES            19           1028            734              0             41
         BITUMINOUS COAL
            POINT SOURCES           924           3888           1690             71            160
         RESIDUAL OIL
            POINT SOURCES          5711          56166          17412            302           1448
         DISTILLATE OIL
            AREA SOURCES            248           2515           3054            153            430
            POINT SOURCES           143           1489            240             15             52
         NATURAL GAS
            AREA SOURCES            278              6           9389           1921           1077
            POINT SOURCES           431            196          10118             64            390
         PROCESS GAS
            POINT SOURCES             8              0              0              1              0
         WOOD
            POINT SOURCES          1582           1341           6653           1339           1354
         LIQUID PETROL GAS
            POINT SOURCES             1              0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES            526           2521          12443           2074           1507
            POINT SOURCES          8819          64108          36847           1792           3445

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
```

LIGHT DUTY VEHICLES	5954	259	6029	8257	70265
LIGHT DUTY TRUCKS	1162	78	1724	2082	15131
HEAVY DUTY VEHICLES	361	36	1169	1334	18208
OFF HIGHWAY	24	13	254	914	9803
TOTAL (GASOLINE)	7501	386	9176	12587	113407
DIESEL					
HEAVY DUTY VEHICLES	957	474	4374	515	1512
OFF HIGHWAY	213	179	2155	316	638
RAIL	41	95	605	154	213
TOTAL (DIESEL)	1211	748	7134	985	2363
AIRCRAFT					
MILITARY	31	3	19	56	100
CIVIL	0	0	0	13	616
COMMERCIAL	3	7	64	71	159
TOTAL (AIRCRAFT)	34	10	83	140	875
VESSELS					
GASOLINE	0	9	36	1446	4542
TOTAL (VESSELS)	0	9	36	1446	4542
TOTAL (TRANSPORTATION)	8746	1153	16429	15158	121187
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	513	3	121	724	4218
FOREST MANAGED BURNING	3150	24	629	2836	17646
AGRICULTURAL BURNING	641	0	89	757	4213
STRUCTURAL FIRES	86	0	11	65	353
GASOLINE STA EVAP LOSS	0	0	0	1909	0
SOLVENT EVAPORATION LOSS	0	0	0	13616	0
UNPAVED ROADS	33124	0	0	0	0
TOTAL (MISCELLANEOUS)	37514	27	850	19907	26430
GRAND TOTAL ***********					
AREA SOURCES	47597	1439	18570	36110	155220
POINT SOURCES	5579	10241	7712	1328	7528
TOTAL	53176	11680	26282	37438	162748

```
*** J03 ***                                                                                              *** J03 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES              812          336          2047          429          5182
                POINT SOURCES             287         2085          2612          400           435

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              812          336          2047          429          5182
                POINT SOURCES             287         2085          2612          400           435

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  7            0             0            0             0
    MINERAL PRODUCTS                      580           73            20          179            18
    WOOD PRODUCTS                         222            0             0            0             0
    TOTAL (INDUSTRIAL)                    809           73            20          179            18

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                     1201           47           307         1617          5128
        TOTAL (RESIDENTIAL)              1201           47           307         1617          5128

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                2            0             1            1             4
        OPEN BURNING
                AREA SOURCES                2            0             0            4             8
        TOTAL (COMM-INST)
                AREA SOURCES                4            0             1            5            12

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES               36            0            11           60           220
        TOTAL (INDUSTRIAL)
                AREA SOURCES               36            0            11           60           220

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             1241           47           319         1682          5360

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          7539          491         11951        14581        110043
            LIGHT DUTY TRUCKS            1935          184          4151         4449         29357
            HEAVY DUTY VEHICLES           452           57          2014         1835         25187
            OFF HIGHWAY                    45           23           417         1504         16115
            TOTAL (GASOLINE)             9971          755         18533        22369        180702

        DIESEL

            HEAVY DUTY VEHICLES          1101          622          5769          589          1729
            OFF HIGHWAY                   359          299          3607          532          1070
            RAIL                           60          138           899          227           319
            TOTAL (DIESEL)               1520         1059         10275         1348          3118

    AIRCRAFT
```

```
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT                                         RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:12 HAWAII        AQCR:060 HAWAII                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                           PARTICULATES         SOX            NOX            HC             CO
                           ************    ************   ************   ************   ************
                            TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0              11              5              0              1
         WOOD                         44               0              2              9            315
         TOTAL (RESIDENTIAL)          44              11              7              9            316

      ELEC GENERATION (POINT)

         RESIDUAL OIL               3227           40043          21503            194            953
         TOTAL (ELEC GEN)           3227           40043          21503            194            953

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES           1021           19272           2505             61            103
         DISTILLATE OIL
            AREA SOURCES              12             168            136              7             19
            POINT SOURCES            110            1165            613             30             82
         PROCESS GAS
            POINT SOURCES              0            1648              0              0              0
         BAGASSE
            POINT SOURCES           7075               0            942            113            150
         TOTAL (INDUSTRIAL)
            AREA SOURCES              12             168            136              7             19
            POINT SOURCES           8206           22085           4060            204            335

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              14              40             48              1              3
            POINT SOURCES              5              68             20              0              2
         DISTILLATE OIL
            AREA SOURCES             129            2791           1422             64            323
            POINT SOURCES             15             826            165              7             37
         NATURAL GAS
            POINT SOURCES              4               0             48              3              8
         TOTAL (COMM-INST)
            AREA SOURCES             143            2831           1470             65            326
            POINT SOURCES             24             894            233             10             47

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             199            3010           1613             81            661
            POINT SOURCES          11457           63022          25796            408           1335

   INTERNAL COMBUSTION (POINT)
```

```
           AREA SOURCES                    3            67            51             1            11
           POINT SOURCES                   0            65             0             0             0
        NATURAL GAS
           AREA SOURCES                   44             2           528            35            89
           POINT SOURCES                   3             0            55             1             5
        TOTAL (COMM-INST)
           AREA SOURCES                  115           810           775            38           115
           POINT SOURCES                  96           668           221             5            21

      TOTAL (EXTERNAL COMB)
           AREA SOURCES                  662          3016          3381           322           599
           POINT SOURCES               13613        175580        174181          1658          4840

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         DISTILLATE OIL                   10            20           137            18            63
         TOTAL (INDUSTRIAL)               10            20           137            18            63

      TOTAL (INTERNAL COMB)               10            20           137            18            63

   TOTAL (FUEL COMBUSTION)

           AREA SOURCES                  662          3016          3381           322           599
           POINT SOURCES               13623        175600        174318          1676          4903

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               1855             0             6           354             0
   FOOD/AGRICULTURAL                    7674             0             0             2             0
   SECONDARY METALS                      719             1           280            25            78
   MINERAL PRODUCTS                      936             0             0             0             0
   WOOD PRODUCTS                          22             0             0             0             0
   ORGANIC SOLVENT EVAPORATION            53             0            90         13661             0
   PETROLEUM STORAGE/TRANSPORT             0             0             0          1786             0
   METAL FABRICATION                      16             0           352            89             0
   OTHER/NOT CLASSIFIED                  133            20            42             0             0
   TOTAL (INDUSTRIAL)                  11408            21           770         15917            78

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               756            11            24          2130          6391
      OPEN BURNING                       860            31           220          1161          3681
      TOTAL (RESIDENTIAL)               1616            42           244          3291         10072

   INDUSTRIAL

      ON SITE INCINERATION
           POINT SOURCES                   2             1             1             1             2
      TOTAL (INDUSTRIAL)
           POINT SOURCES                   2             1             1             1             2

   TOTAL (SOLID WASTE DISP)
           AREA SOURCES                 1616            42           244          3291         10072
           POINT SOURCES                   2             1             1             1             2

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES
```

```
*** J07 ***                                                                                          *** J07 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
******************************                               AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:14 ILLINOIS       AQCR:069 METROPOLITAN QUAD CITIES   POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                             PARTICULATES          SOX            NOX            HC             CO
                             ************     ************   ************   ************   ************
                              TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                4              16              0              4             17
         DISTILLATE OIL                12             126             79              5             23
         NATURAL GAS                   80               5            643             65            161
         TOTAL (RESIDENTIAL)           96             147            722             74            201

      ELEC GENERATION (POINT)

         DISTILLATE OIL                 3              58             51              2              8
         NATURAL GAS                    6               0            435              1             11
         TOTAL (ELEC GEN)               9              58            486              3             19

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             165             948            250              8             16
             POINT SOURCES           1621            6914           2182             62            151
         RESIDUAL OIL
             POINT SOURCES              0               5              0              0              0
         NATURAL GAS
             AREA SOURCES              21               1            645            109             71
             POINT SOURCES              3               0            335              1             13
         TOTAL (INDUSTRIAL)
             AREA SOURCES             186             949            895            117             87
             POINT SOURCES           1624            6919           2517             63            164

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES              10              24             11              0              0
         RESIDUAL OIL
             AREA SOURCES              29             382             97              1              9
         DISTILLATE OIL
             AREA SOURCES               2              37             29              1              6
             POINT SOURCES              0               3              1              0              0
         NATURAL GAS
             AREA SOURCES              24               1            279             18             47
         TOTAL (COMM-INST)
             AREA SOURCES              65             444            416             20             62
             POINT SOURCES              0               3              1              0              0

      TOTAL (EXTERNAL COMB)
             AREA SOURCES             347            1540           2033            211            350
```

```
*** J09 ***                                                                                         *** J09 ***
    PETROLEUM STORAGE/TRANSPORT               1          9          1      15716         18
    METAL FABRICATION                       167          0          0          1          0
    TEXTILE MANUFACTURING                     1          0          0          0          0
    OTHER/NOT CLASSIFIED                    610       4209      12923        192        537
    TOTAL (INDUSTRIAL)                   114453     101985      46394     162973     341471

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               23         24         20          0          0
        OPEN BURNING                          2          0          1          3          8
        OTHER INCINERATION                 2424         41        204         40       1452
        TOTAL (GOVERNMENT)                 2449         65        225         43       1460

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               4223         52        131      11871      35616
        OPEN BURNING                       8453        311       2172      11407      36179
        TOTAL (RESIDENTIAL)               12676        363       2303      23278      71795

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                986        298        475        571       1352
                POINT SOURCES               271        114        657        103        132
        OPEN BURNING
                AREA SOURCES                 22          0          5         43        100
        TOTAL (COMM-INST)
                AREA SOURCES               1008        298        480        614       1452
                POINT SOURCES               271        114        657        103        132

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                585        121        121        517        776
                POINT SOURCES               252         78         65        126        752
        OPEN BURNING
                AREA SOURCES                309          8         94        505       1826
                POINT SOURCES                 9          1          3         17         47
        TOTAL (INDUSTRIAL)
                AREA SOURCES                894        129        215       1022       2602
                POINT SOURCES               261         79         68        143        799

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              14578        790       2998      24914      75849
                POINT SOURCES              2981        258        950        289       2391

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           95061       3853      91675     128306    1139569
            LIGHT DUTY TRUCKS             24059       1459      32942      41637     318957
            HEAVY DUTY VEHICLES            6145        552      18637      23136     315655
            OFF HIGHWAY                     548        288       5421      19523     209352
            TOTAL (GASOLINE)             125813       6152     148675     212602    1983533

        DIESEL

            HEAVY DUTY VEHICLES           21195       9311      91269      12392      35107
            OFF HIGHWAY                    2123       1782      21445       3147       6348
```

```
*** J11 ***                                                                                        *** J11 ***
              AREA SOURCES              2842          16890          6365           281          1918
              POINT SOURCES              337           2493          1251            62           123

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS                      11              0          2544          1048           322
         TOTAL (INDUSTRIAL)               11              0          2544          1048           322

      COMM-INSTITUTIONAL

         TOTAL (COMM-INST)                 1              3            10             1             2

      TOTAL (INTERNAL COMB)               12              3          2554          1049           324

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES              2842          16890          6365           281          1918
              POINT SOURCES              349           2496          3805          1111           447

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                 12              0             0            31             0
   FOOD/AGRICULTURAL                    1829              0             0             1             0
   PRIMARY METAL                           4              0             0             0           355
   SECONDARY METALS                     1276              0             6             0          8969
   MINERAL PRODUCTS                     2546              0             1             0             0
   PETROLEUM INDUSTRY                     37              1           430           115            37
   ORGANIC SOLVENT EVAPORATION           135              0             0          6789             0
   PETROLEUM STORAGE/TRANSPORT             0              0             0           908             0
   OTHER/NOT CLASSIFIED                   33              0             0             0             0
   TOTAL (INDUSTRIAL)                   5872              1           437          7844          9361

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               400              4            15          1126          3379
      OPEN BURNING                       804             29           207          1083          3437
      TOTAL (RESIDENTIAL)               1204             33           222          2209          6816

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                94             28            44            54           127
      OPEN BURNING
              AREA SOURCES                 2              0             1             3             9
      TOTAL (COMM-INST)
              AREA SOURCES                96             28            45            57           136

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                53             12            12            45            69
      OPEN BURNING
              AREA SOURCES                28              1             8            44           164
      TOTAL (INDUSTRIAL)
              AREA SOURCES                81             13            20            89           233

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES              1381             74           287          2355          7185

TRANSPORTATION (AREA)
```

```
*** J13 ***                                                                                                            *** J13 ***
            DISTILLATE OIL
                AREA SOURCES                     5                81                61                 1                13
                POINT SOURCES                    0                 3                 2                 0                 0
            NATURAL GAS
                AREA SOURCES                    28                 1               330                24                55
                POINT SOURCES                    0                 0                 6                 0                 0
            TOTAL (COMM-INST)
                AREA SOURCES                   154               551               501                30                82
                POINT SOURCES                    0                 3                 8                 0                 0

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                   656              3807              3358               767               596
                POINT SOURCES                 9292            111355             40393               691              1584

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            OTHER                               76                 0                 0                 0                 0
            TOTAL (ELEC GEN)                    76                 0                 0                 0                 0

        TOTAL (INTERNAL COMB)                   76                 0                 0                 0                 0

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                   656              3807              3358               767               596
                POINT SOURCES                 9368            111355             40393               691              1584

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    1982                 0               174              1144                 0
    FOOD/AGRICULTURAL                         8407                 0                 0                 2                13
    SECONDARY METALS                           829                 0                 5                 0              1710
    MINERAL PRODUCTS                          4180              2061               525                 0                 0
    ORGANIC SOLVENT EVAPORATION                  1                 0                 0               233                 0
    METAL FABRICATION                            1                 0                 0                 0                 0
    TOTAL (INDUSTRIAL)                       15400              2061               704              1379              1723

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                       2                 0                 0                 0                 0
        TOTAL (GOVERNMENT)                       2                 0                 0                 0                 0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   247                 4                 7               695              2083
        OPEN BURNING                           526                20               135               712              2254
        TOTAL (RESIDENTIAL)                    773                24               142              1407              4337

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                    94                29                45                54               129
        TOTAL (COMM-INST)
                AREA SOURCES                    94                29                45                54               129

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                    47                 9                 9                42                61
                POINT SOURCES                    1                 3                 7                26                78
        TOTAL (INDUSTRIAL)
```

```
*** J14 ***                                                                                            *** J14 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:16 IOWA        AQCR:088 NORTHEAST IOWA                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES        SOX             NOX              HC               CO
                               ************    ************    ************    ************    ************
                                TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                21              73               0              33              80
         DISTILLATE OIL                 53             597             374              26             104
         NATURAL GAS                    90               3             709              70             176
         WOOD                           80               1               3              17             567
         TOTAL (RESIDENTIAL)           244             674            1086             146             927

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             11457           35159           12218             306             590
         RESIDUAL OIL                    7             113              58               0               2
         DISTILLATE OIL                  2              64              39               3               6
         NATURAL GAS                    76               0             612               4              18
         TOTAL (ELEC GEN)            11542           35336           12927             313             616

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES              527            3883             879              20              57
             POINT SOURCES            1227            3706             722              84              97
         RESIDUAL OIL
             AREA SOURCES               13             206              52               1               4
             POINT SOURCES              19             246              30               2               8
         DISTILLATE OIL
             AREA SOURCES                3              42              51               2               5
             POINT SOURCES              10             347              76              24              11
         NATURAL GAS
             AREA SOURCES                5               0            1842             735             250
             POINT SOURCES              10               1            1096              11              33
         PROCESS GAS
             POINT SOURCES               0               7               0               0               0
         LIQUID PETROL GAS
             POINT SOURCES               0               0               1               0               0
         TOTAL (INDUSTRIAL)
             AREA SOURCES              548            4131            2824             758             316
             POINT SOURCES            1266            4307            1925             121             149

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES               43             107              45               0               3
         BITUMINOUS COAL
             AREA SOURCES              149             541              92               3              20
```

```
** J16 ***                                                                                                   *** J16 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                                ******************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                                *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:17 KANSAS         AQCR:094 METROPOLITAN KANSAS CITY        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                 PARTICULATES        SOX           NOX           HC            CO
                                 ************   ************  ************  ************  ************
                                   TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

           BITUMINOUS COAL                  2             8             0             2             9
           DISTILLATE OIL                   3            25            16             1             4
           NATURAL GAS                    127             8          1019            89           255
           TOTAL (RESIDENTIAL)            132            41          1035            92           268

       ELEC GENERATION (POINT)

           BITUMINOUS COAL              17325         69247         15801           140           473
           RESIDUAL OIL                     1            12             4             0             0
           NATURAL GAS                     19             2          3085             4            75
           TOTAL (ELEC GEN)             17345         69261         18890           144           548

       INDUSTRIAL FUEL

           BITUMINOUS COAL
               AREA SOURCES               332          3003           790            20            51
           RESIDUAL OIL
               AREA SOURCES               111          1514           381             6            32
               POINT SOURCES               19           255            41             0             4
           DISTILLATE OIL
               AREA SOURCES                19           185           225            16            32
               POINT SOURCES                0            17             5             0             1
           NATURAL GAS
               AREA SOURCES               330            19         34671         12448          4556
               POINT SOURCES                0             0           381             1             1
           TOTAL (INDUSTRIAL)
               AREA SOURCES               792          4721         36067         12490          4671
               POINT SOURCES               19           272           427             1             6

       COMM-INSTITUTIONAL FUEL

           BITUMINOUS COAL
               AREA SOURCES                14            63            12             1             3
           RESIDUAL OIL
               AREA SOURCES                 4            61            16             0             1
           DISTILLATE OIL
               AREA SOURCES                10           129            99             7            22
           NATURAL GAS
               AREA SOURCES                70             4           847            45           142
               POINT SOURCES                0             0             1             0             0
           TOTAL (COMM-INST)
               AREA SOURCES                98           257           974            53           168
               POINT SOURCES                0             0             1             0             0
```

```
*** J18 ***                                                                                *** J18 ***
     MUNICIPAL INCINERATION          477          600          301          150          452
     OTHER INCINERATION               68            1            6            1            0
     TOTAL (GOVERNMENT)              545          601          307          151          452

  RESIDENTIAL (AREA)

     ON SITE INCINERATION            167            1            1          479         1502
     OPEN BURNING                   7143          271         1824         9638        30568
     TOTAL (RESIDENTIAL)            7310          272         1825        10117        32070

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
             AREA SOURCES            107           25           52           63          186
             POINT SOURCES            65           35           98           89          806
     OPEN BURNING
             AREA SOURCES              4            0            1            9           21
             POINT SOURCES             1            0            0            0            2
     TOTAL (COMM-INST)
             AREA SOURCES            111           25           53           72          207
             POINT SOURCES            66           35           98           89          808

  INDUSTRIAL

     ON SITE INCINERATION
             AREA SOURCES            293           55           55          259          391
             POINT SOURCES           433           92          176          754         7554
     OPEN BURNING
             AREA SOURCES            104            2           29          165          614
     TOTAL (INDUSTRIAL)
             AREA SOURCES            397           57           84          424         1005
             POINT SOURCES           433           92          176          754         7554

  TOTAL (SOLID WASTE DISP)
             AREA SOURCES           7818          354         1962        10613        33282
             POINT SOURCES          1044          728          581          994         8814

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES        53121         2440        59700        82968       693371
        LIGHT DUTY TRUCKS          13673         1009        22645        25933       185889
        HEAVY DUTY VEHICLES         4362          436        14765        16123       221377
        OFF HIGHWAY                  378          195         3710        13365       143346
        TOTAL (GASOLINE)           71534         4080       100820       138389      1243983

     DIESEL

        HEAVY DUTY VEHICLES         8039         3843        36480         4474        12919
        OFF HIGHWAY                 2571         2154        26011         3819         7700
        RAIL                        1245         2824        18307         4657         6434
        TOTAL (DIESEL)             11855         8821        80798        12950        27053

  AIRCRAFT

     MILITARY                        864           81          519         1537         2764
     CIVIL                             1            1            3           99         4975
     COMMERCIAL                       50          109         1023         1143         2553
     TOTAL (AIRCRAFT)                915          191         1545         2779        10292

  VESSELS
```

```
*** K01 ***                                                                                    *** K01 ***
               POINT SOURCES              0          1          1          0          0
          BITUMINOUS COAL
               AREA SOURCES             100        179         66          3         10
               POINT SOURCES              2         21          8          1          1
          RESIDUAL OIL
               POINT SOURCES             72        850        173          8         12
          DISTILLATE OIL
               AREA SOURCES              43        768        586         21        123
               POINT SOURCES              6        216         65          3         15
          NATURAL GAS
               AREA SOURCES             273         12       3368        215        565
               POINT SOURCES            147          1        657         16         58
          WOOD
               POINT SOURCES              1          5         31          6          6
          LIQUID PETROL GAS
               POINT SOURCES              8          9         39          3          8
          TOTAL (COMM-INST)
               AREA SOURCES             416        959       4020        239        698
               POINT SOURCES            236       1103        974         37        100

       TOTAL (EXTERNAL COMB)
               AREA SOURCES            6340       3797      21023       3725      38123
               POINT SOURCES          44005     828731     191066       9374      15819

   INTERNAL COMBUSTION (POINT)

       INDUSTRIAL FUEL

          NATURAL GAS                     1          0        896        369        628
          TOTAL (INDUSTRIAL)              1          0        896        369        628

       TOTAL (INTERNAL COMB)              1          0        896        369        628

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES            6340       3797      21023       3725      38123
               POINT SOURCES          44006     828731     191962       9743      16447

INDUSTRIAL PROCESS (POINT)
***************************

   CHEMICAL MANUFACTURING              2209       6589       3492       1263          2
   FOOD/AGRICULTURAL                    150          0          0          0          0
   PRIMARY METAL                       5831       3430        540         36       7254
   SECONDARY METALS                     340       1697          3        153         68
   MINERAL PRODUCTS                    6069       2825       1926       1240        693
   PETROLEUM INDUSTRY                    31        692        110        131          1
   WOOD PRODUCTS                       9181      13641       5283        176     132731
   ORGANIC SOLVENT EVAPORATION          223          0          0      15798          0
   PETROLEUM STORAGE/TRANSPORT            0          0          0       2641          0
   METAL FABRICATION                      0          0          0         62          0
   TEXTILE MANUFACTURING                  8          0          0         17          0
   OTHER/NOT CLASSIFIED                 533        713       1940         83        120
   TOTAL (INDUSTRIAL)                 24575      29587      13294      21600     140869

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              244          4          8        687       2061
      OPEN BURNING                     8491        336       2176      11457      36320
      TOTAL (RESIDENTIAL)              8735        340       2184      12144      38381

   COMMERCIAL-INSTITUTIONAL
```

```
*** K03 ***                                                                                      *** K03 ***
        MILITARY                         5           0           3           8          15
        CIVIL                            0           0           0          21        1010
        COMMERCIAL                       1           2          17          19          43
        TOTAL (AIRCRAFT)                 6           2          20          48        1068

    VESSELS

        GASOLINE                         0          10          37        1531        4810
        TOTAL (VESSELS)                  0          10          37        1531        4810

    TOTAL (TRANSPORTATION)           11497        1826       28865       25296      189698

MISCELLANEOUS (AREA)
*********************

    FOREST WILDFIRES                   349           0          83         493        2862
    FOREST MANAGED BURNING             382           0          79         347        2149
    AGRICULTURAL BURNING                92           0          13         113         619
    STRUCTURAL FIRES                   120           0          13          89         479
    GASOLINE STA EVAP LOSS               0           0           0        3009           0
    SOLVENT EVAPORATION LOSS             0           0           0       21581           0
    UNPAVED ROADS                    42700           0           0           0           0
    TOTAL (MISCELLANEOUS)            43643           0         188       25632        6109

GRAND TOTAL
***********

    AREA SOURCES                     57193        2209       31419       53039      206349

    POINT SOURCES                     1096        2158        2632         579         453

    TOTAL                            58289        4367       34051       53618      206802
```

```
*** K04 ***                                                                                    *** K04 ***
        ELECTRIC GENERATION

            DISTILLATE OIL                219         418         4245          192          716
            TOTAL (ELEC GEN)              219         418         4245          192          716

        INDUSTRIAL FUEL

            DISTILLATE OIL                  1           1           20            2            4
            TOTAL (INDUSTRIAL)              1           1           20            2            4

        TOTAL (INTERNAL COMB)             220         419         4265          194          720

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES             199        3010         1613           81          661
                 POINT SOURCES          11677       63441        30061          602         2055

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                35        1777            0            0            0
     FOOD/AGRICULTURAL                      2           0            0            0            0
     PRIMARY METAL                          3           0            0            0          450
     SECONDARY METALS                       8           0            0            0            0
     MINERAL PRODUCTS                    4125        2481          650            1            5
     PETROLEUM INDUSTRY                   202        2914         1059          465           35
     ORGANIC SOLVENT EVAPORATION            0           0            0          336            0
     PETROLEUM STORAGE/TRANSPORT            0           0            0         5929            0
     OTHER/NOT CLASSIFIED                   1         160           20            2            4
     TOTAL (INDUSTRIAL)                  4376        7332         1729         6733          494

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

         MUNICIPAL INCINERATION            40         121          145            0         1696
         TOTAL (GOVERNMENT)                40         121          145            0         1696

     RESIDENTIAL (AREA)

         ON SITE INCINERATION             922          14           29         2594         7783
         OPEN BURNING                     603          22          155          814         2581
         TOTAL (RESIDENTIAL)             1525          36          184         3408        10364

     COMMERCIAL-INSTITUTIONAL

         OPEN BURNING
                 AREA SOURCES               2           0            1            3            9
         TOTAL (COMM-INST)
                 AREA SOURCES               2           0            1            3            9

     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES               1           0            0            1            1
                 POINT SOURCES              6           1            1           11           23
         OPEN BURNING
                 AREA SOURCES              16           1            5           26           95
         TOTAL (INDUSTRIAL)
                 AREA SOURCES              17           1            5           27           96
                 POINT SOURCES              6           1            1           11           23

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            1544          37          190         3438        10469
                 POINT SOURCES             46         122          146           11         1719
```

```
*** K05 ***                                                                                              *** K05 ***

                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                              AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:13 IDAHO          AQCR:063 IDAHO                  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                87            149             11             87            388
         DISTILLATE OIL                 11            338             88              1             24
         NATURAL GAS                    14              0            118             13             32
         WOOD                          876             18             34            175           6309
         TOTAL (RESIDENTIAL)           988            505            251            276           6753

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               166            605            280              7             17
            POINT SOURCES              345           2557           1972             55            144
         RESIDUAL OIL
            POINT SOURCES                0             40             13              0              1
         DISTILLATE OIL
            AREA SOURCES                12            328            162              6             23
         NATURAL GAS
            AREA SOURCES                26              0           1834            583            234
            POINT SOURCES                1              0             16              0              1
         WOOD
            POINT SOURCES             2233            656           4364            873            873
         TOTAL (INDUSTRIAL)
            AREA SOURCES               204            933           2276            596            274
            POINT SOURCES             2579           3253           6365            928           1019

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               12            342             68              5              9
         RESIDUAL OIL
            AREA SOURCES                14            195             60              0              3
         DISTILLATE OIL
            AREA SOURCES                 3            193             61              1             11
         NATURAL GAS
            AREA SOURCES                12              0            157              7             23
         WOOD
            POINT SOURCES               84             11             75             15             15
         TOTAL (COMM-INST)
            AREA SOURCES                29            388            278              8             37
            POINT SOURCES               96            353            143             20             24

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              1221           1826           2805            880           7064
            POINT SOURCES             2675           3606           6508            948           1043
```

```
     GASOLINE

        LIGHT DUTY VEHICLES          10146        388       9110      12950     117883
        LIGHT DUTY TRUCKS             2546        141       3155       4155      32918
        HEAVY DUTY VEHICLES            787         70       2412       2935      40279
        OFF HIGHWAY                     83         42        809       2919      31292
        TOTAL (GASOLINE)             13562        641      15486      22959     222372

     DIESEL

        HEAVY DUTY VEHICLES           1235        540       5415        752       2101
        OFF HIGHWAY                    247        207       2500        366        740
        RAIL                           189        433       2808        714        987
        TOTAL (DIESEL)                1671       1180      10723       1832       3828

   AIRCRAFT

     MILITARY                           41          4         24         73        132
     CIVIL                               0          0          1         33       1526
     COMMERCIAL                          8         17        160        179        400
     TOTAL (AIRCRAFT)                   49         21        185        285       2058

   VESSELS

     DIESEL FUEL                        13         18        130         35         46
     GASOLINE                            0         17         67       2701       8479
     TOTAL (VESSELS)                    13         35        197       2736       8525

   TOTAL (TRANSPORTATION)            15295       1877      26591      27812     236783

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                    162          0         18        121        655
   GASOLINE STA EVAP LOSS                0          0          0       2876          0
   SOLVENT EVAPORATION LOSS              0          0          0      17250          0
   UNPAVED ROADS                     32309          0          0          0          0
   UNPAVED AIRSTRIPS                     2          0          0          0          0
   TOTAL (MISCELLANEOUS)             32473          0         18      20247        655

GRAND TOTAL
***********

   AREA SOURCES                      50046       4935      30234      51672     248109

   POINT SOURCES                     25033     175622     175089      17594       4983

   TOTAL                             75079     180557     205323      69266     253092
```

```
*** K07 ***                                                                                    *** K07 ***
              POINT SOURCES                1633          6980          3004            66           183

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                   72            67          1709            92           571
            NATURAL GAS                      10             0           306            31            85
            TOTAL (ELEC GEN)                 82            67          2015           123           656

        INDUSTRIAL FUEL

            DISTILLATE OIL                   12             0           166            14            38
            NATURAL GAS                       0             0          1177             0             0
            TOTAL (INDUSTRIAL)               12             0          1343            14            38

        TOTAL (INTERNAL COMB)                94            67          3358           137           694

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                  347          1540          2033           211           350
              POINT SOURCES                1727          7047          6362           203           877

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  118             0             0            29             0
    FOOD/AGRICULTURAL                       232             0             0             0             0
    PRIMARY METAL                           268             0             0             0         24881
    SECONDARY METALS                        269             0             0             0          1511
    MINERAL PRODUCTS                       1058             0             0             0             0
    WOOD PRODUCTS                           146             0             0             0             0
    ORGANIC SOLVENT EVAPORATION              13             0             0          6636             0
    PETROLEUM STORAGE/TRANSPORT             303             0             0            74             0
    METAL FABRICATION                        65           140            35             1             2
    OTHER/NOT CLASSIFIED                      1             0             0             0             0
    TOTAL (INDUSTRIAL)                     2473           140            35          6740         26394

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                416             5            14          1168          3505
        OPEN BURNING                        496            17           127           667          2121
        TOTAL (RESIDENTIAL)                 912            22           141          1835          5626

    INDUSTRIAL

        ON SITE INCINERATION
              POINT SOURCES                   0            12            14             1            48
        TOTAL (INDUSTRIAL)
              POINT SOURCES                   0            12            14             1            48

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES                  912            22           141          1835          5626
              POINT SOURCES                   0            12            14             1            48

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            6464           246          5904          8618         77949
```

```
*** K08 ***                                                                                                     *** K08 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   TUESDAY    JANUARY 26, 1982
*****************************                                         AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:14 ILLINOIS        AQCR:073 ROCKFORD-JANESVILLE-BELOIT         POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES          SOX               NOX               HC                CO
                                ************     ************     ************     ************     ************
                                 TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              2                8                0                2               10
            DISTILLATE OIL              26              299              187               10               52
            NATURAL GAS                 84                6              678               67              170
            TOTAL (RESIDENTIAL)        112              313              865               79              232

        ELEC GENERATION (POINT)

            DISTILLATE OIL               7              168              109                2               21
            TOTAL (ELEC GEN)             7              168              109                2               21

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           306             1767              466               14               31
                POINT SOURCES          442             2616              517               33               66
            RESIDUAL OIL
                POINT SOURCES           15              199               85                2                5
            DISTILLATE OIL
                POINT SOURCES            3                8               42                1                7
            NATURAL GAS
                AREA SOURCES            35                1             1002              170              111
                POINT SOURCES           14                0              284                3               23
            OTHER
                POINT SOURCES            4                0               58                1                8
            TOTAL (INDUSTRIAL)
                AREA SOURCES           341             1768             1468              184              142
                POINT SOURCES          478             2823              986               40              109

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            10               25               10                0                1
            RESIDUAL OIL
                AREA SOURCES            38              525              131                1               11
            DISTILLATE OIL
                AREA SOURCES             3               51               39                1                9
            NATURAL GAS
                AREA SOURCES            30                1              361               24               60
                POINT SOURCES            0                0                4                0                0
            TOTAL (COMM-INST)
                AREA SOURCES            81              602              541               26               81
                POINT SOURCES            0                0                4                0                0
```

RAIL	1818	4140	26864	6822	9442
TOTAL (DIESEL)	25136	15233	139578	22361	50897
AIRCRAFT					
MILITARY	236	21	142	419	754
CIVIL	2	0	9	233	10907
COMMERCIAL	52	114	1075	1204	2684
TOTAL (AIRCRAFT)	290	135	1226	1856	14345
VESSELS					
DIESEL FUEL	26	33	245	64	86
RESIDUAL OIL	13	164	27	2	1
GASOLINE	0	68	258	10436	32775
TOTAL (VESSELS)	39	265	530	10502	32862
TOTAL (TRANSPORTATION)	151278	21785	290009	247321	2081637
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	65	0	14	96	531
STRUCTURAL FIRES	1582	1	192	1179	6393
GASOLINE STA EVAP LOSS	0	0	0	27156	0
SOLVENT EVAPORATION LOSS	0	0	0	241945	0
UNPAVED ROADS	79594	0	0	0	0
UNPAVED AIRSTRIPS	28	0	0	0	0
TOTAL (MISCELLANEOUS)	81269	1	206	270374	6924
GRAND TOTAL ***********					
AREA SOURCES	270165	158433	347328	545122	2181072
POINT SOURCES	180347	1799586	527055	180467	378408
TOTAL	450512	1958019	874383	725589	2559480

```
                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                  AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:15 INDIANA        AQCR:078 LOUISVILLE                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                          PARTICULATES          SOX              NOX               HC               CO
                          ************     ************     ************     ************     ************
                           TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL            0                2                0                0                5
         DISTILLATE OIL             7               80               50                3               14
         NATURAL GAS               25                2              199               20               50
         WOOD                      55                2                2               11              396
         TOTAL (RESIDENTIAL)       87               86              251               34              465

      ELEC GENERATION (POINT)

         BITUMINOUS COAL         2024            63434             8809              147              487
         DISTILLATE OIL             0               44               29                1                5
         TOTAL (ELEC GEN)        2024            63478             8838              148              492

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES          360             2277              479               15               31
         RESIDUAL OIL
            AREA SOURCES            2               30                7                0                0
            POINT SOURCES           0                1                0                0                0
         DISTILLATE OIL
            AREA SOURCES            2               18               23                2                3
            POINT SOURCES           4               37               25                1                5
         NATURAL GAS
            AREA SOURCES           10                0              181                3               17
            POINT SOURCES           3                0               38                1                4
         WOOD
            POINT SOURCES          79               34              223               67               61
         TOTAL (INDUSTRIAL)
            AREA SOURCES          374             2325              690               20               51
            POINT SOURCES          86               72              286               69               70

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES            1                4                1                0                0
         RESIDUAL OIL
            AREA SOURCES           17              232               59                1                5
         DISTILLATE OIL
            AREA SOURCES            2               32               25                1                6
            POINT SOURCES           0                0                1                0                1
         NATURAL GAS
            AREA SOURCES            9                0              100                7               16
```

```
*** K11 ***                                                                                              *** K11 ***
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          8809          368         8757        11913        105324
         LIGHT DUTY TRUCKS            2266          144         3219         3957         30051
         HEAVY DUTY VEHICLES           551           49         1685         2072         28350
         OFF HIGHWAY                    60           31          584         2102         22533
         TOTAL (GASOLINE)            11686          592        14245        20044        186258

      DIESEL

         HEAVY DUTY VEHICLES          4662         1944        18594         2595          7426
         OFF HIGHWAY                   234          196         2361          347           699
         RAIL                          176          398         2590          657           911
         TOTAL (DIESEL)               5072         2538        23545         3599          9036

   AIRCRAFT

      MILITARY                          26            2           16           46            83
      CIVIL                              1            0            1           24          1133
      COMMERCIAL                         6           12          116          130           289
      TOTAL (AIRCRAFT)                  33           14          133          200          1505

   VESSELS

      GASOLINE                           0           15           59         2399          7539
      TOTAL (VESSELS)                    0           15           59         2399          7539

   TOTAL (TRANSPORTATION)            16791         3159        37982        26242        204338

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                    142            0           18          105           575
   GASOLINE STA EVAP LOSS                0            0            0         2728             0
   SOLVENT EVAPORATION LOSS              0            0            0        28394             0
   UNPAVED ROADS                      9623            0            0            0             0
   TOTAL (MISCELLANEOUS)              9765            0           18        31227           575

GRAND TOTAL
***********

   AREA SOURCES                      30779        20123        44652        60105        214016

   POINT SOURCES                      6221         2497         4242         8955          9808

   TOTAL                             37000        22620        48894        69060        223824
```

```
*** K12 ***                                                                          *** K12 ***

                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************

STATE EMISSIONS REPORT                                   RUN DATE:  TUESDAY   JANUARY 26, 1982
***************************                  AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE 16:IOWA                               POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                          PARTICULATES         SOX           NOX           HC            CO
                          ************    ************  ************  ************  ************
                           TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL           101           368             3           174           425
            DISTILLATE OIL            248          2821          1768           112           496
            NATURAL GAS               597            21          4750           477          1185
            WOOD                      450             4            11            94          3222
            TOTAL (RESIDENTIAL)      1396          3214          6532           857          5328

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         52696        249003         84307          2026          4219
            LIGNITE                    12            83            33             6            11
            RESIDUAL OIL               50           675           347             3            17
            DISTILLATE OIL             62           624           334            42            39
            NATURAL GAS               123             0          2766            18            66
            PROCESS GAS                 0             1             5             0             0
            TOTAL (ELEC GEN)        52943        250386         87792          2095          4352

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES         474             0             0             0             0
            BITUMINOUS COAL
                AREA SOURCES         2696         19163          4503           135           286
                POINT SOURCES        6414         45417         15742           322           686
            RESIDUAL OIL
                AREA SOURCES           78          1182           301             2            19
                POINT SOURCES         274          1658           137            10            29
            DISTILLATE OIL
                AREA SOURCES           19           244           301            11            32
                POINT SOURCES         135          1280           454            59            82
            NATURAL GAS
                AREA SOURCES           31             0         10629          4240          1445
                POINT SOURCES         240             9         10373           155           312
            PROCESS GAS
                POINT SOURCES           0             7             0             0             0
            COKE
                POINT SOURCES           0             0            16             0             6
            LIQUID PETROL GAS
                POINT SOURCES          47             0           310             7            39
            TOTAL (INDUSTRIAL)
                AREA SOURCES         2824         20589         15734          4388          1782
                POINT SOURCES        7584         48371         27032           553          1154
```

```
                 AREA SOURCES                 47          9          9         42         61
                 POINT SOURCES                 1          3          7         26         78

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES                914         62        196       1503       4527
                 POINT SOURCES                 3          3          7         26         78

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             3872        148       3581       5316      48035
            LIGHT DUTY TRUCKS                992         55       1218       1621      12960
            HEAVY DUTY VEHICLES              239         21        735        915      12458
            OFF HIGHWAY                       35         19        351       1264      13555
            TOTAL (GASOLINE)                5138        243       5885       9116      87008

        DIESEL

            HEAVY DUTY VEHICLES              603        269       2731        371       1029
            OFF HIGHWAY                      100         83        999        147        297
            RAIL                              67        153        997        253        351
            TOTAL (DIESEL)                   770        505       4727        771       1677

    AIRCRAFT

        MILITARY                               7          1          4         12         22
        CIVIL                                  0          0          0         10        431
        COMMERCIAL                             0          1          7          0         18
        TOTAL (AIRCRAFT)                       7          2         11         22        471

    VESSELS

        DIESEL FUEL                            3          4         31          8         11
        GASOLINE                               0          9         32       1319       4145
        TOTAL (VESSELS)                        3         13         63       1327       4156

    TOTAL (TRANSPORTATION)                  5918        763      10686      11236      93312

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                           5          0          1          6         36
    STRUCTURAL FIRES                          71          0          8         53        288
    GASOLINE STA EVAP LOSS                     0          0          0       1459          0
    SOLVENT EVAPORATION LOSS                   0          0          0      12262          0
    UNPAVED ROADS                          40145          0          0          0          0
    UNPAVED AIRSTRIPS                          3          0          0          0          0
    TOTAL (MISCELLANEOUS)                  40224          0          9      13780        324

GRAND TOTAL
***********

    AREA SOURCES                           47712       4632      14249      27286      98759

    POINT SOURCES                          24771     113419      41104       2096       3385

    TOTAL                                  72483     118051      55353      29382     102144
```

```
*** K14 ***                                                                                    *** K14 ***
           POINT SOURCES                     15           36           9            1            1
        RESIDUAL OIL
           AREA SOURCES                      16          224          57            1            3
        DISTILLATE OIL
           AREA SOURCES                      10          161         122            1           28
        NATURAL GAS
           AREA SOURCES                      46            2         550           40           91
        TOTAL (COMM-INST)
           AREA SOURCES                     264         1035         866           45          145
           POINT SOURCES                     15           36           9            1            1

     TOTAL (EXTERNAL COMB)
           AREA SOURCES                    1056         5840        4776          949         1388
           POINT SOURCES                  12823        39679       14861          435          766

   INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL                        5           17          74            5           17
        NATURAL GAS                           1            0          27            3            8
        OTHER                                 0            0           3            0            0
        TOTAL (ELEC GEN)                      6           17         104            8           25

     INDUSTRIAL FUEL

        GASOLINE                              0            0           0            0            2
        TOTAL (INDUSTRIAL)                    0            0           0            0            2

     TOTAL (INTERNAL COMB)                    6           17         104            8           27

   TOTAL (FUEL COMBUSTION)

           AREA SOURCES                    1056         5840        4776          949         1388
           POINT SOURCES                  12829        39696       14965          443          793

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                       9254            0           0            2           20
   SECONDARY METALS                        3981            0          18            0        19158
   MINERAL PRODUCTS                         698            0           0            0            0
   ORGANIC SOLVENT EVAPORATION                0            0           0           12            0
   TOTAL (INDUSTRIAL)                     13933            0          18           14        19178

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                  493            5          16         1383         4148
      OPEN BURNING                          993           37         255         1337         4242
      TOTAL (RESIDENTIAL)                  1486           42         271         2720         8390

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
           AREA SOURCES                     225           70         108          128          307
           POINT SOURCES                      6            0           0            0            0
      TOTAL (COMM-INST)
           AREA SOURCES                     225           70         108          128          307
           POINT SOURCES                      6            0           0            0            0

   INDUSTRIAL

      ON SITE INCINERATION
```

```
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:16 IOWA         AQCR:092 SOUTH CENTRAL IOWA       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                            PARTICULATES        SOX            NOX             HC             CO
                            ************    ************   ************   ************   ************
                             TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              23              83              1             52            101
         DISTILLATE OIL               36             429            270             19             75
         NATURAL GAS                 156               6           1242            130            310
         WOOD                         64               0              1             13            459
         TOTAL (RESIDENTIAL)         279             518           1514            214            945

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           17325           53702          13820            516            640
         LIGNITE                      12              83             33              6             11
         DISTILLATE OIL               55             346            153             36             14
         NATURAL GAS                  27               0            438             11              1
         PROCESS GAS                   0               1              5              0              0
         TOTAL (ELEC GEN)          17419           54132          14449            569            666

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES            581            3907            967             33             62
         RESIDUAL OIL
             AREA SOURCES             25             335             86              1              6
             POINT SOURCES            83             412              0              2             11
         DISTILLATE OIL
             AREA SOURCES              4              50             63              3              8
             POINT SOURCES             2              96             35              1              7
         NATURAL GAS
             AREA SOURCES              7               0           2405            960            326
             POINT SOURCES            22               1            689             13             35
         COKE
             POINT SOURCES             0               0             16              0              6
         LIQUID PETROL GAS
             POINT SOURCES             1               0              7              0              1
         TOTAL (INDUSTRIAL)
             AREA SOURCES            617            4292           3521            997            402
             POINT SOURCES           108             509            747             16             60

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES             77             182             80              0              5
         BITUMINOUS COAL
             AREA SOURCES            256             836            162              4             35
```

TOTAL (EXTERNAL COMB)					
AREA SOURCES	1022	5019	38076	12635	5107
POINT SOURCES	17364	69533	19318	145	554
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	10	97	157	13	36
NATURAL GAS	1	0	38	4	11
TOTAL (ELEC GEN)	11	97	195	17	47
INDUSTRIAL FUEL					
NATURAL GAS	1	0	414	170	53
TOTAL (INDUSTRIAL)	1	0	414	170	53
TOTAL (INTERNAL COMB)	12	97	609	187	100
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1022	5019	38076	12635	5107
POINT SOURCES	17376	69630	19927	332	654
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	13	13	0	1	0
FOOD/AGRICULTURAL	2671	0	0	0	0
SECONDARY METALS	31	0	6	0	65
MINERAL PRODUCTS	2650	1523	941	1422	303
PETROLEUM INDUSTRY	34	2402	415	519	653
ORGANIC SOLVENT EVAPORATION	0	0	0	7	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	2656	0
TOTAL (INDUSTRIAL)	5399	3938	1362	4605	1021
SOLID WASTE DISPOSAL *********************					
GOVERNMENT (POINT)					
OPEN BURNING	1	0	0	2	4
TOTAL (GOVERNMENT)	1	0	0	2	4
RESIDENTIAL (AREA)					
ON SITE INCINERATION	440	7	14	1237	3710
OPEN BURNING	134	4	35	181	575
TOTAL (RESIDENTIAL)	574	11	49	1418	4285
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	41	13	19	24	56
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	42	13	19	26	60
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	10	4	4	19	28
POINT SOURCES	3	3	3	33	90
OPEN BURNING					
AREA SOURCES	11	0	4	19	70

```
*** K17 ***                                                                                   *** K17 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:17 KANSAS          AQCR:098 SOUTHEAST KANSAS             POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES          SOX            NOX            HC             CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              5              20              0              5             22
         DISTILLATE OIL               1              24             16              0              7
         NATURAL GAS                 68               3            530             54            134
         TOTAL (RESIDENTIAL)         74              47            546             59            163

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            483           44209          86487            493           1642
         RESIDUAL OIL                83             988           1517              7             50
         DISTILLATE OIL               0              24             82              3             14
         NATURAL GAS                 11               0           1069              1             25
         TOTAL (ELEC GEN)           577           45221          89155            504           1731

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            102             921            242              6             16
            POINT SOURCES            15              73              9              1              1
         RESIDUAL OIL
            AREA SOURCES             47             642            162              1             13
            POINT SOURCES            13             175             41              1              3
         DISTILLATE OIL
            AREA SOURCES             12             102            125              4             17
            POINT SOURCES             1              24              7              0              2
         NATURAL GAS
            AREA SOURCES            164               8          17185           6169           2259
            POINT SOURCES             2               0             94              0              2
         TOTAL (INDUSTRIAL)
            AREA SOURCES            325            1673          17714           6180           2305
            POINT SOURCES            31             272            151              2              8

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              4              24              3              0              0
         RESIDUAL OIL
            AREA SOURCES              0              22              7              0              0
         DISTILLATE OIL
            AREA SOURCES              3              49             37              0              7
         NATURAL GAS
            AREA SOURCES             26               0            321             21             53
            POINT SOURCES             0               0             12              0              1
         TOTAL (COMM-INST)
```

DIESEL FUEL	1562	1957	14604	3835	5114
GASOLINE	0	39	140	5853	18385
TOTAL (VESSELS)	1562	1996	14744	9688	23499
TOTAL (TRANSPORTATION)	85866	15088	197907	163806	1304827
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	2709	17	633	3818	22311
STRUCTURAL FIRES	922	1	98	687	3742
GASOLINE STA EVAP LOSS	0	0	0	17887	0
SOLVENT EVAPORATION LOSS	0	0	0	84462	0
UNPAVED ROADS	162909	0	0	0	0
UNPAVED AIRSTRIPS	37	0	0	0	0
TOTAL (MISCELLANEOUS)	166577	18	731	106854	26053
GRAND TOTAL ***********					
AREA SOURCES	270225	46806	243076	294922	1403610
POINT SOURCES	246368	1161676	393697	157107	121433
TOTAL	516593	1208482	636773	452029	1525043

```
*** L01 ***                                                                                          *** L01 ***
     ON SITE INCINERATION
             AREA SOURCES              68          13          38          45         113
     OPEN BURNING
             AREA SOURCES              27           0           8          48         124
     TOTAL  (COMM-INST)
             AREA SOURCES              95          13          46          93         237

   INDUSTRIAL

     ON SITE INCINERATION
             AREA SOURCES               1           0           0           1           2
             POINT SOURCES             46        8850          28          45          47
     OPEN BURNING
             AREA SOURCES             624          18         211        1067        3782
     TOTAL  (INDUSTRIAL)
             AREA SOURCES             625          18         211        1068        3784
             POINT SOURCES             46        8850          28          45          47

   TOTAL  (SOLID WASTE DISP)
             AREA SOURCES            9455         371        2441       13305       42402
             POINT SOURCES             46        8850          28          45          47

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

          LIGHT DUTY VEHICLES      101880        4385      102049      140639     1199284
          LIGHT DUTY TRUCKS         20368        1363       30264       36831      268602
          HEAVY DUTY VEHICLES        6054         568       18708       22187      304297
          OFF HIGHWAY                 379         202        3713       13372      143426
          TOTAL  (GASOLINE)        128681        6518      154734      213029     1915609

     DIESEL

          HEAVY DUTY VEHICLES       16855        7714       71487        9152       26929
          OFF HIGHWAY                3200        2679       32328        4754        9572
          RAIL                        656        1491        9631        2442        3392
          TOTAL  (DIESEL)           20711       11884      113446       16348       39893

   AIRCRAFT

     MILITARY                        1202         112         724        2138        3851
     CIVIL                              4           2           8         247       11759
     COMMERCIAL                       153         336        3120        3490        7783
     TOTAL  (AIRCRAFT)               1359         450        3852        5875       23393

   VESSELS

     DIESEL FUEL                      242         302        2264         594         794
     RESIDUAL OIL                     355        4667         766          54          25
     GASOLINE                           0          66         262       11026       34650
     TOTAL  (VESSELS)                 597        5035        3292       11674       35469

   TOTAL  (TRANSPORTATION)         151348       23887      275324      246926     2014364

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                  5384          25        1267        7593       44277
   FOREST MANAGED BURNING           34058         248        6812       30647      190719
   AGRICULTURAL BURNING              5984           0         832        7072       39330
   STRUCTURAL FIRES                  1324           0         145         979        5341
   GASOLINE STA EVAP LOSS               0           0           0       33178           0
```

```
*** L02 ***                                                                                          *** L02 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:11 GEORGIA          AQCR:054 CENTRAL GEORGIA

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 0              7              4              0              0
         NATURAL GAS                   52              1            402             40            104
         WOOD                         921             18             38            185           6624
         TOTAL (RESIDENTIAL)          973             26            444            225           6728

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             3705          66161          33183            526           1784
         DISTILLATE OIL                 0             84             56              1              7
         NATURAL GAS                    0              0              1              0              0
         OTHER                        173            137           1135            227            227
         TOTAL (ELEC GEN)            3878          66382          34375            754           2018

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES              19           1028            734              0             41
         BITUMINOUS COAL
            POINT SOURCES              28            168             43              3              6
         RESIDUAL OIL
            POINT SOURCES              42           1284            545             10             45
         DISTILLATE OIL
            AREA SOURCES               23            262            315             15             46
            POINT SOURCES              13            233             32              3              8
         NATURAL GAS
            AREA SOURCES               27              1            973            198            110
            POINT SOURCES              34             12           1026             10             43
         WOOD
            POINT SOURCES              48             29            257             51             51
         TOTAL (INDUSTRIAL)
            AREA SOURCES               50            263           1288            213            156
            POINT SOURCES             184           2754           2637             77            194

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                7             12              3              0              1
         DISTILLATE OIL
            AREA SOURCES                3             57             44              1              8
            POINT SOURCES               0              1              0              0              0
         NATURAL GAS
            AREA SOURCES               21              1            255             14             43
```

```
*** L04 ***                                                                                    *** L04 ***
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          15710          531        12404        20501       179813
            LIGHT DUTY TRUCKS             2034          107         2337         3205        24408
            HEAVY DUTY VEHICLES            358           27          833         1299        17554
            OFF HIGHWAY                     34           19          346         1247        13373
            TOTAL (GASOLINE)             18136          684        15920        26252       235148

        DIESEL

            HEAVY DUTY VEHICLES            708          301         2812          409         1224
            OFF HIGHWAY                    228          192         2315          340          685
            RAIL                             1            2           17            3            7
            TOTAL (DIESEL)                 937          495         5144          752         1916

    AIRCRAFT

        MILITARY                          1321          125          795         2351         4233
        CIVIL                                2            1            3           67         3079
        COMMERCIAL                         116          255         2389         2672         5959
        TOTAL (AIRCRAFT)                  1439          381         3187         5090        13271

    VESSELS

        DIESEL FUEL                         17           20          152           39           54
        RESIDUAL OIL                        77         1022          167           11            6
        GASOLINE                             0            6           24          971         3051
        TOTAL (VESSELS)                     94         1048          343         1021         3111

    TOTAL (TRANSPORTATION)               20606         2608        24594        33115       253446

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       589            4          138          831         4843
    AGRICULTURAL BURNING                  7631            0         1068         9019        50162
    STRUCTURAL FIRES                       220            1           26          165          895
    GASOLINE STA EVAP LOSS                   0            0            0         3068            0
    SOLVENT EVAPORATION LOSS                 0            0            0        14309            0
    UNPAVED ROADS                         6442            0            0            0            0
    TOTAL (MISCELLANEOUS)                14882            5         1232        27392        55900

GRAND TOTAL
***********

    AREA SOURCES                         37231         5660        27629        64026       320476

    POINT SOURCES                        16099        70895        31936         7346         4268

    TOTAL                                53330        76555        59565        71372       324744
```

```
*** LOS ***                                                                                   *** LOS ***
    TOTAL (FUEL COMBUSTION)

            AREA SOURCES             1221         1826         2805          880         7064
            POINT SOURCES            2675         3606         6508          948         1043

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                 619            0          210            6           29
    MINERAL PRODUCTS                  180            0            0            0            0
    PETROLEUM STORAGE/TRANSPORT         0            0            0            7            0
    TOTAL (INDUSTRIAL)                799            0          210           13           29

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          269            1            6          754         2257
        OPEN BURNING                  523           21          134          710         2245
        TOTAL (RESIDENTIAL)           792           22          140         1464         4502

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
            AREA SOURCES                2            0            1            1            2
        TOTAL (COMM-INST)
            AREA SOURCES                2            0            1            1            2

    INDUSTRIAL

        ON SITE INCINERATION
            POINT SOURCES             829           15          152         1656        19659
        TOTAL (INDUSTRIAL)
            POINT SOURCES             829           15          152         1656        19659

    TOTAL (SOLID WASTE DISP)
            AREA SOURCES              794           22          141         1465         4504
            POINT SOURCES             829           15          152         1656        19659

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      3135          171         3674         6889        64967
            LIGHT DUTY TRUCKS        1927          147         2943         4793        41262
            HEAVY DUTY VEHICLES       282           31          891         1336        21137
            OFF HIGHWAY                57           30          564         2036        21812
            TOTAL (GASOLINE)         5401          379         8072        15054       149178

        DIESEL

            HEAVY DUTY VEHICLES       741          389         3848          702         1689
            OFF HIGHWAY               440          367         4437          652         1311
            RAIL                      130          289         1894          480          667
            TOTAL (DIESEL)           1311         1045        10179         1834         3667

    AIRCRAFT

        MILITARY                      231           22          139          411          739
        CIVIL                           0            0            0           45         2005
        COMMERCIAL                      2            4           34           38           84
        TOTAL (AIRCRAFT)              233           26          173          494         2828
```

```
*** L07 ***                                                                                          *** L07 ***
            LIGHT DUTY TRUCKS             1396         78        1743        2322       18354
            HEAVY DUTY VEHICLES            368         34        1157        1389       18993
            OFF HIGHWAY                     48         25         471        1699       18217
            TOTAL (GASOLINE)              8276        383        9275       14028      133513

         DIESEL

            HEAVY DUTY VEHICLES           1052        451        4473         623        1750
            OFF HIGHWAY                    147        123        1489         220         440
            RAIL                           107        243        1582         403         556
            TOTAL (DIESEL)                1306        817        7544        1246        2746

      AIRCRAFT

         MILITARY                            9          1           5          16          29
         CIVIL                               0          0           1          20         882
         COMMERCIAL                          7         15         141         158         352
         TOTAL (AIRCRAFT)                   16         16         147         194        1263

      VESSELS

         DIESEL FUEL                        12         15         107          28          37
         GASOLINE                            0         11          43        1719        5400
         TOTAL (VESSELS)                    12         26         150        1747        5437

      TOTAL (TRANSPORTATION)              9610       1242       17116       17215      142959

MISCELLANEOUS (AREA)
********************

      STRUCTURAL FIRES                      90          0          12          67         364
      GASOLINE STA EVAP LOSS                 0          0           0        1621           0
      SOLVENT EVAPORATION LOSS               0          0           0       17134           0
      UNPAVED ROADS                      15908          0           0           0           0
      TOTAL (MISCELLANEOUS)              15998          0          12       18822         364

GRAND TOTAL
***********

      AREA SOURCES                       26867       2804       19302       38083      149299

      POINT SOURCES                       4200       7199        6411        6944       27319

      TOTAL                              31067      10003       25713       45027      176618
```

```
*** L08 ***                                                                                                    *** L08 ***
          TOTAL  (EXTERNAL COMB)
                    AREA SOURCES                534            2683            2874             289             455
                    POINT SOURCES               485            2991            1099              42             130

     INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

               DISTILLATE OIL                    53              72             744              59             161
               NATURAL GAS                        0               2               2               0               0
               TOTAL  (ELEC GEN)                 53              74             746              59             161

          TOTAL  (INTERNAL COMB)                 53              74             746              59             161

     TOTAL  (FUEL COMBUSTION)

                    AREA SOURCES                534            2683            2874             289             455
                    POINT SOURCES               538            3065            1845             101             291

INDUSTRIAL PROCESS (POINT)
***************************

     CHEMICAL MANUFACTURING                       2               0               0            1470               0
     FOOD/AGRICULTURAL                          625               0               0               0               0
     PRIMARY METAL                               15              11              32               0               2
     SECONDARY METALS                           787               5              37               0            2199
     MINERAL PRODUCTS                           430               0               0               0               0
     ORGANIC SOLVENT EVAPORATION                250               0             313            9253               0
     PETROLEUM STORAGE/TRANSPORT                  7               0               5            1049               0
     METAL FABRICATION                          480               0              25              10               1
     OTHER/NOT CLASSIFIED                       190               0               0              20               0
     TOTAL  (INDUSTRIAL)                       2786              16             412           11802            2202

SOLID WASTE DISPOSAL
*********************

     RESIDENTIAL  (AREA)

          ON SITE INCINERATION                  575              10              18            1618            4854
          OPEN BURNING                          545              20             140             737            2332
          TOTAL  (RESIDENTIAL)                 1120              30             158            2355            7186

     INDUSTRIAL

          ON SITE INCINERATION
                    POINT SOURCES                 6              10               0               0               0
          TOTAL  (INDUSTRIAL)
                    POINT SOURCES                 6              10               0               0               0

     TOTAL  (SOLID WASTE DISP)
                    AREA SOURCES               1120              30             158            2355            7186
                    POINT SOURCES                 6              10               0               0               0

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES             4721             185            4442            6372           57358
               LIGHT DUTY TRUCKS                879              49            1109            1461           11537
               HEAVY DUTY VEHICLES              277              24             820            1045           14242
               OFF HIGHWAY                       54              28             529            1904           20429
               TOTAL  (GASOLINE)               5931             286            6900           10782          103566
```

```
*** L10 ***                                                                          *** L10 ***
            WOOD
                POINT SOURCES                5         2        49        50        49
            TOTAL (COMM-INST)
                AREA SOURCES                29       268       185         9        27
                POINT SOURCES                5         2        50        50        50

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               490      2679      1126        63       543
                POINT SOURCES             2115     63552      9174       267       612

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               490      2679      1126        63       543
                POINT SOURCES             2115     63552      9174       267       612

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  72         0         0       430         0
    FOOD/AGRICULTURAL                      108         0         0      1252         0
    SECONDARY METALS                         3         0         0         0        22
    MINERAL PRODUCTS                      1139        53       917         1         1
    WOOD PRODUCTS                           65         0         0       196         0
    ORGANIC SOLVENT EVAPORATION            317         0         0      2039         0
    PETROLEUM STORAGE/TRANSPORT              0         0         0       192         0
    OTHER/NOT CLASSIFIED                     0        43         0         0         0
    TOTAL (INDUSTRIAL)                    1704        96       917      4110        23

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                         2         0         1         3         8
        TOTAL (GOVERNMENT)                   2         0         1         3         8

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               107         2         3       301       903
        OPEN BURNING                       213         8        55       287       911
        TOTAL (RESIDENTIAL)                320        10        58       588      1814

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                25         8        12        15        34
        TOTAL (COMM-INST)
                AREA SOURCES                25         8        12        15        34

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                16         3         3        14        21
        OPEN BURNING
                AREA SOURCES                 8         0         3        15        50
                POINT SOURCES                5         1         2        10        28
        TOTAL (INDUSTRIAL)
                AREA SOURCES                24         3         6        29        71
                POINT SOURCES                5         1         2        10        28

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               369        21        76       632      1919
                POINT SOURCES                7         1         3        13        36

TRANSPORTATION (AREA)
*********************
```

```
*** L12 ***                                                                                         *** L12 ***
      COMM-INSTITUTIONAL FUEL

          ANTHRACITE COAL
              AREA SOURCES                 264           630           276             0            13
          BITUMINOUS COAL
              AREA SOURCES                 887          2991           553            21           111
              POINT SOURCES                 16            42             9             1             2
          RESIDUAL OIL
              AREA SOURCES                  86          1262           327             4            15
          DISTILLATE OIL
              AREA SOURCES                  46           906           695             9           162
              POINT SOURCES                  1            23            12             0             3
          NATURAL GAS
              AREA SOURCES                 296            10          3442           228           579
              POINT SOURCES                  6             0           121             0             6
          LIQUID PETROL GAS
              POINT SOURCES                  5             0             2             0             0
          TOTAL (COMM-INST)
              AREA SOURCES                1579          5799          5293           262           880
              POINT SOURCES                 28            65           144             1            11

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                5799         29602         27559          5507          7990
              POINT SOURCES              60555        298822        114968          2649          5517

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                  1471           194           479            37            89
          NATURAL GAS                       18             0           316            30            33
          OTHER                             78             2            26             2             5
          TOTAL (ELEC GEN)                1567           196           821            69           127

      INDUSTRIAL FUEL

          DISTILLATE OIL                     5             8            66             5            14
          NATURAL GAS                        0             0            78            32            10
          GASOLINE                           0             0             1             3            62
          TOTAL (INDUSTRIAL)                 5             8           145            40            86

      TOTAL (INTERNAL COMB)               1572           204           966           109           213

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                5799         29602         27559          5507          7990
              POINT SOURCES              62127        299026        115934          2758          5730

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                 3967          8309          1087         12252          1745
   FOOD/AGRICULTURAL                     91463             4             0             7            59
   PRIMARY METAL                         20547             0             0             0             0
   SECONDARY METALS                       5642           148            32             0         47226
   MINERAL PRODUCTS                      28894         12998          2990           312             5
   ORGANIC SOLVENT EVAPORATION              12             0             0          6995             0
   PETROLEUM STORAGE/TRANSPORT               0             0             0             5             0
   METAL FABRICATION                        61             0             0             0             0
   OTHER/NOT CLASSIFIED                    358             0             0             0             0
   TOTAL (INDUSTRIAL)                   150944         21459          4109         19571         49035

SOLID WASTE DISPOSAL
********************
```

```
*** L14 ***                                                                                                   *** L14 ***
                  AREA SOURCES                 88            20            20            79           116
                  POINT SOURCES                56             5            26             5             0
            TOTAL (INDUSTRIAL)
                  AREA SOURCES                 88            20            20            79           116
                  POINT SOURCES                56             5            26             5             0

         TOTAL (SOLID WASTE DISP)
                  AREA SOURCES               1799           132           399          2927          8813
                  POINT SOURCES                62             5            26             5             0

TRANSPORTATION (AREA)
*********************

         LAND VEHICLES

            GASOLINE

               LIGHT DUTY VEHICLES           6382           281          6919          9931         85437
               LIGHT DUTY TRUCKS             1688           109          2492          3102         23602
               HEAVY DUTY VEHICLES            543            57          2006          2156         29290
               OFF HIGHWAY                    105            56          1036          3732         40011
               TOTAL (GASOLINE)              8718           503         12453         18921        178340

            DIESEL

               HEAVY DUTY VEHICLES           1412           687          6859           837          2334
               OFF HIGHWAY                    202           169          2035           300           602
               RAIL                           128           290          1876           477           661
               TOTAL (DIESEL)                1742          1146         10770          1614          3597

         AIRCRAFT

            MILITARY                           20             2            12            37            66
            CIVIL                               1             0             2            28          1277
            COMMERCIAL                          8            19           181           203           452
            TOTAL (AIRCRAFT)                   29            21           195           268          1795

         VESSELS

            GASOLINE                            0             5            21           814          2553
            TOTAL (VESSELS)                     0             5            21           814          2553

         TOTAL (TRANSPORTATION)             10489          1675         23639         21617        186285

MISCELLANEOUS (AREA)
********************

         FOREST WILDFIRES                      40             0            10            58           338
         STRUCTURAL FIRES                     141             0            20           105           570
         GASOLINE STA EVAP LOSS                 0             0             0          2462             0
         SOLVENT EVAPORATION LOSS               0             0             0         18548             0
         UNPAVED ROADS                     146118             0             0             0             0
         UNPAVED AIRSTRIPS                      2             0             0             0             0
         TOTAL (MISCELLANEOUS)             146301             0            30         21173           908

GRAND TOTAL
***********

         AREA SOURCES                      159645          7647         28644         46666        197394

         POINT SOURCES                      26824         39701         15009           462         19971

         TOTAL                             186469         47348         43653         47128        217365
```

```
*** L15 ***                                                                                      *** L15 ***
          POINT SOURCES              0            1            0            0            0
        RESIDUAL OIL
          AREA SOURCES              23          340           88            2            5
        DISTILLATE OIL
          AREA SOURCES              14          245          186            1           43
        NATURAL GAS
          AREA SOURCES              88            3         1041           57          176
          POINT SOURCES              5            0            7            0            1
        LIQUID PETROL GAS
          POINT SOURCES              5            0            0            0            0
        TOTAL (COMM-INST)
          AREA SOURCES             458         1606         1557           64          264
          POINT SOURCES             10            1            7            0            1

      TOTAL (EXTERNAL COMB)
          AREA SOURCES            1354         6416         6592         1275         1611
          POINT SOURCES          17537        54642        15203          585          727

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        DISTILLATE OIL              15           28          218           17           48
        NATURAL GAS                  2            0           55            5           15
        OTHER                        0            0            3            0            1
        TOTAL (ELEC GEN)            17           28          276           22           64

      INDUSTRIAL FUEL

        DISTILLATE OIL               1            1           18            1            4
        GASOLINE                     0            0            0            0            4
        TOTAL (INDUSTRIAL)           1            1           18            1            8

      TOTAL (INTERNAL COMB)         18           29          294           23           72

    TOTAL (FUEL COMBUSTION)

          AREA SOURCES            1354         6416         6592         1275         1611
          POINT SOURCES          17555        54671        15497          608          799

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING        1027            0            0         9860            0
    FOOD/AGRICULTURAL            11515            4            0            0            0
    SECONDARY METALS               147            0            1            0         4636
    MINERAL PRODUCTS              5094         3458          886            0            1
    ORGANIC SOLVENT EVAPORATION     11            0            0         5192            0
    OTHER/NOT CLASSIFIED             4            0            0            0            0
    TOTAL (INDUSTRIAL)           17798         3462          887        15052         4637

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

      OTHER INCINERATION             1            0            0            0            0
      TOTAL (GOVERNMENT)             1            0            0            0            0

    RESIDENTIAL (AREA)

      ON SITE INCINERATION         665            7           20         1865         5602
      OPEN BURNING                1362           52          348         1838         5824
      TOTAL (RESIDENTIAL)         2027           59          368         3703        11426

    COMMERCIAL-INSTITUTIONAL
```

```
*** L16 ***                                                                                  *** L16 ***
     TOTAL (INDUSTRIAL)
          AREA SOURCES                   31            4            8           38           98
          POINT SOURCES                   3            3            3           33           90

   TOTAL (SOLID WASTE DISP)
          AREA SOURCES                  647           28           76         1482         4443
          POINT SOURCES                   4            3            3           35           94

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           8828          277         6390        10441        98711
         LIGHT DUTY TRUCKS             1743           78         1711         2643        21939
         HEAVY DUTY VEHICLES            285           20          651         1033        14006
         OFF HIGHWAY                     28           15          287         1032        11077
         TOTAL (GASOLINE)             10884          390         9039        15149       145733

      DIESEL

         HEAVY DUTY VEHICLES           1597          618         6063          945         2681
         OFF HIGHWAY                    250          210         2530          373          749
         RAIL                           478         1089         7072         1796         2486
         TOTAL (DIESEL)                2325         1917        15665         3114         5916

   AIRCRAFT

      MILITARY                            4            0            2            6           12
      CIVIL                               2            0            2           31         1406
      COMMERCIAL                          1            3           24           26           60
      TOTAL (AIRCRAFT)                    7            3           28           63         1478

   VESSELS

      GASOLINE                            0            2            7          283          951
      TOTAL (VESSELS)                     0            2            7          283          951

   TOTAL (TRANSPORTATION)             13216         2312        24739        18609       154078

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      57            0           14           80          463
   STRUCTURAL FIRES                     130            0           15           98          532
   GASOLINE STA EVAP LOSS                 0            0            0         2250            0
   SOLVENT EVAPORATION LOSS               0            0            0        17465            0
   UNPAVED ROADS                      72360            0            0            0            0
   UNPAVED AIRSTRIPS                     38            0            0            0            0
   TOTAL (MISCELLANEOUS)              72585            0           29        19893          995

GRAND TOTAL
***********

   AREA SOURCES                       87470         7359        62920        52619       164623

   POINT SOURCES                      22779        73571        21292         4972         1769

   TOTAL                             110249        80930        84212        57591       166392
```

```
*** L17 ***                                                                                              *** L17 ***
                AREA SOURCES                  33          95          368          21          60
                POINT SOURCES                  0           0           12           0           1

          TOTAL (EXTERNAL COMB)
                AREA SOURCES                 432        1815        18628        6260        2528
                POINT SOURCES                608       45493        89318         506        1740

       INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

             DISTILLATE OIL                    3           3           45           3          10
             NATURAL GAS                       6           1         2038         836         259
             TOTAL (ELEC GEN)                  9           4         2083         839         269

          INDUSTRIAL FUEL

             DISTILLATE OIL                    0           0            4           0           1
             NATURAL GAS                       1           1         9018        3706        1147
             TOTAL (INDUSTRIAL)                1           1         9022        3706        1148

          TOTAL (INTERNAL COMB)               10           5        11105        4545        1417

       TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 432        1815        18628        6260        2528
                POINT SOURCES                618       45498       100423        5051        3157

    INDUSTRIAL PROCESS (POINT)
    ***************************

       CHEMICAL MANUFACTURING                286         985          835           0           0
       FOOD/AGRICULTURAL                    5601           0            0           0           0
       PRIMARY METAL                           2           0            0           0           0
       SECONDARY METALS                       95           0            1           0          67
       MINERAL PRODUCTS                     3220           0            6           1           1
       PETROLEUM INDUSTRY                    480         865          757        3407        1257
       WOOD PRODUCTS                           2           0            0           0           0
       ORGANIC SOLVENT EVAPORATION             0           0            0          40           0
       PETROLEUM STORAGE/TRANSPORT             0           0            0          11           0
       TOTAL (INDUSTRIAL)                   9686        1850         1599        3459        1325

    SOLID WASTE DISPOSAL
    ********************

       RESIDENTIAL (AREA)

          OPEN BURNING                       546          19          140         736        2327
          TOTAL (RESIDENTIAL)                546          19          140         736        2327

       COMMERCIAL-INSTITUTIONAL

          OPEN BURNING
                AREA SOURCES                   5           0            0          10          20
          TOTAL (COMM-INST)
                AREA SOURCES                   5           0            0          10          20

       INDUSTRIAL

          ON SITE INCINERATION
                POINT SOURCES                 15           1            2          22         261
          OPEN BURNING
                AREA SOURCES                   9           0            2          11          45
          TOTAL (INDUSTRIAL)
                AREA SOURCES                   9           0            2          11          45
                POINT SOURCES                 15           1            2          22         261
```

```
*** M01 ***                                                                                         *** M01 ***
    SOLVENT EVAPORATION LOSS            0          0          0     199833          0
    UNPAVED ROADS                  414362          0          0          0          0
    UNPAVED AIRSTRIPS                  10          0          0          0          0
    TOTAL (MISCELLANEOUS)          461122        273       9056     279302     279667

GRAND TOTAL
***********

    AREA SOURCES                   628265      28328     307844     543258    2374556

    POINT SOURCES                   68627     867168     205284      31388     157363

    TOTAL                          696892     895496     513128     574646    2531919
```

```
*** M02 ***                                                                                      *** M02 ***
                 POINT SOURCES            1            0            5            0            1
            TOTAL (COMM-INST)
                 AREA SOURCES            31           70          302           15           52
                 POINT SOURCES            1            1            5            0            1

        TOTAL (EXTERNAL COMB)
                 AREA SOURCES          1054          359         2034          453         6936
                 POINT SOURCES         4063        69137        37017          831         2213

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES          1054          359         2034          453         6936
                 POINT SOURCES         4063        69137        37017          831         2213

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING             110            0            0            0            0
     FOOD/AGRICULTURAL                   10            0            0            0            0
     PRIMARY METAL                     3173         1159          185           19           31
     MINERAL PRODUCTS                  1934          227          499            9          154
     WOOD PRODUCTS                      884          754          238            0         4645
     ORGANIC SOLVENT EVAPORATION          0            0            0           60            0
     PETROLEUM STORAGE/TRANSPORT          0            0            0          250            0
     OTHER/NOT CLASSIFIED               172           75          998            4           64
     TOTAL (INDUSTRIAL)                6283         2215         1920          342         4894

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        OPEN BURNING                   1228           50          316         1658         5258
        TOTAL (RESIDENTIAL)            1228           50          316         1658         5258

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES            15            4            8           10           28
        OPEN BURNING
                 AREA SOURCES             3            0            1            5           13
        TOTAL (COMM-INST)
                 AREA SOURCES            18            4            9           15           41

     INDUSTRIAL

        OPEN BURNING
                 AREA SOURCES            83            2           29          141          504
        TOTAL (INDUSTRIAL)
                 AREA SOURCES            83            2           29          141          504

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES          1329           56          354         1814         5803

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES         9527          419         9852        13630       115450
           LIGHT DUTY TRUCKS           2234          144         3209         4021        29585
           HEAVY DUTY VEHICLES          663           64         2123         2474        33797
           OFF HIGHWAY                   49           26          473         1701        18268
           TOTAL (GASOLINE)           12473          653        15657        21826       197100
```

```
*** M03 ***                                                                                          *** M03 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         **********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         ***********************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
******************************                                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:11 GEORGIA        AQCR:058 SAVANNAH-BEAUFORT

                               PARTICULATES         SOX            NOX             HC             CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
****************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  2              31              17               1               4
         NATURAL GAS                    24               1             204              20              51
         WOOD                          236               4               9              48            1692
         TOTAL (RESIDENTIAL)           262              36             230              69            1747

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               285            7950            3013              50             167
         RESIDUAL OIL                 1338           16360            2870              39             194
         NATURAL GAS                     5               0             510               1              12
         OTHER                        3567             350            2337             467             467
         TOTAL (ELEC GEN)             5195           24660            8730             557             840

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES              877           12745            2874              58             237
         DISTILLATE OIL
            AREA SOURCES                 5              59              73               3              11
            POINT SOURCES                5              23              28               2               4
         NATURAL GAS
            AREA SOURCES                 7               0             245              50              28
            POINT SOURCES               55              32            3622              15             118
         WOOD
            POINT SOURCES              100              49               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                12              59             318              53              39
            POINT SOURCES             1037           12849            6524              75             359

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 5               9               3               0               1
         RESIDUAL OIL
            POINT SOURCES               59             678             137               7               9
         DISTILLATE OIL
            AREA SOURCES                 2              41              32               1               7
         NATURAL GAS
            AREA SOURCES                15               1             184              11              31
            POINT SOURCES                1               0              18               1               1
         TOTAL (COMM-INST)
            AREA SOURCES                22              51             219              12              39
            POINT SOURCES               60             678             155               8              10
```

```
*** M05 ***                                                                                              *** M05 ***
    VESSELS

        GASOLINE                              0            9           43         1694         5328
        TOTAL (VESSELS)                       0            9           43         1694         5328

    TOTAL (TRANSPORTATION)                 6945         1459        18467        19076       161001

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       9109           83         2143        12861        75017
    FOREST MANAGED BURNING                36265          273         7254        32636       203076
    AGRICULTURAL BURNING                    124            0           17          147          815
    STRUCTURAL FIRES                         67            0            5           48          258
    GASOLINE STA EVAP LOSS                    0            0            0         1589            0
    SOLVENT EVAPORATION LOSS                  0            0            0         6468            0
    UNPAVED ROADS                         75405            0            0            0            0
    UNPAVED AIRSTRIPS                        75            0            0            0            0
    TOTAL (MISCELLANEOUS)                121045          356         9419        53749       279166

GRAND TOTAL
***********

    AREA SOURCES                         130005         3663        30832        75170       451735

    POINT SOURCES                          4303         3621         6870         2617        20731

    TOTAL                                134308         7284        37702        77787       472466
```

```
*** M06 ***                                                                                           *** M06 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                         RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:14 ILLINOIS        AQCR:066 EAST CENTRAL ILLINOIS

                              PARTICULATES         SOX             NOX              HC               CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 7              30               0               7              35
         DISTILLATE OIL                 24             262             166               8              47
         NATURAL GAS                   152               6            1215             121             303
         TOTAL (RESIDENTIAL)           183             298            1381             136             385

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             26419           29434            4541              57             191
         DISTILLATE OIL                 79             267            1050              20              34
         OTHER                           2               0               2               0               0
         TOTAL (ELEC GEN)            26500           29701            5593              77             225

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               356            2057             542              16              35
            POINT SOURCES            36947           24256            5544             116             308
         RESIDUAL OIL
            POINT SOURCES                1               7               9               0               1
         DISTILLATE OIL
            POINT SOURCES                7             475             114               4              25
         NATURAL GAS
            AREA SOURCES                27               1             752             125              85
            POINT SOURCES               11               0             182               0              10
         TOTAL (INDUSTRIAL)
            AREA SOURCES               383            2058            1294             141             120
            POINT SOURCES            36966           24738            5849             120             344

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                17              49              19               0               1
         RESIDUAL OIL
            AREA SOURCES                54             751             190               2              13
         DISTILLATE OIL
            AREA SOURCES                 3              73              54               2              11
         NATURAL GAS
            AREA SOURCES                49               2             558              38              94
            POINT SOURCES                0               0              95               0               0
         TOTAL (COMM-INST)
            AREA SOURCES               123             875             821              42             119
            POINT SOURCES                0               0              95               0               0
```

```
*** MOB ***
    DIESEL

        HEAVY DUTY VEHICLES            471        211       2132        290        808
        OFF HIGHWAY                    179        151       1818        267        538
        RAIL                           146        333       2171        551        763
        TOTAL (DIESEL)                 796        695       6121       1108       2109

    AIRCRAFT

        MILITARY                        40          4         24         70        127
        CIVIL                            1          0          2         35       1602
        COMMERCIAL                       3          6         61         68        151
        TOTAL (AIRCRAFT)                44         10         87        173       1880

    VESSELS

        GASOLINE                         0          2          6        222        696
        TOTAL (VESSELS)                  0          2          6        222        696

    TOTAL (TRANSPORTATION)            6771        993      13114      12285     108251

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                   120          0         14         90        489
    GASOLINE STA EVAP LOSS               0          0          0       2154          0
    SOLVENT EVAPORATION LOSS             0          0          0      24914          0
    UNPAVED ROADS                    18845          0          0          0          0
    TOTAL (MISCELLANEOUS)            18965          0         14      27158        489

GRAND TOTAL
***********

    AREA SOURCES                     27390       3706      16160      42087     116381

    POINT SOURCES                     3330       3091       2257      11903       2493

    TOTAL                            30720       6797      18417      53990     118874
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                                  RUN DATE:  TUESDAY   JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                           AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
***************************                                          POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981
STATE:15 INDIANA        AQCR:067 METROPOLITAN CHICAGO

                               PARTICULATES         SOX          NOX           HC           CO
                               ************    ************  ************  ************  ************
                                TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0             1             0             0             4
         DISTILLATE OIL                33           381           238            13            67
         NATURAL GAS                  118             7           946            95           236
         WOOD                           9             0             0             2            63
         TOTAL (RESIDENTIAL)          160           389          1184           110           370

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             1575         68995         39922           716         10926
         DISTILLATE OIL                 6           268           342             4            21
         NATURAL GAS                    1             0           394             0            30
         TOTAL (ELEC GEN)            1582         69263         40658           720         10977

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              755          4786          1007            30            65
            POINT SOURCES            6436          7304          4324            73           240
         RESIDUAL OIL
            AREA SOURCES                5            58            15             0             1
            POINT SOURCES             888          7683         12895           294           991
         DISTILLATE OIL
            AREA SOURCES                4            43            52             3             8
            POINT SOURCES              53           447            69             3            14
         NATURAL GAS
            AREA SOURCES               23             1           416             7            39
            POINT SOURCES             194           261         11131            66           512
         PROCESS GAS
            POINT SOURCES             526         13080          1027            16            62
         WOOD
            POINT SOURCES               1             0             1             0             0
         LIQUID PETROL GAS
            POINT SOURCES               0             5             4             0             0
         OTHER
            POINT SOURCES               5            13             3             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              787          4888          1490            40           113
            POINT SOURCES            8103         28793         29454           452          1819

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               7            69             4             2             6
```

```
*** M10 ***                                                                                                   *** M10 ***
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             3029            118            2877            4301            38095
            LIGHT DUTY TRUCKS                717             38             871            1201             9499
            HEAVY DUTY VEHICLES              109              9             314             426             5746
            OFF HIGHWAY                       10              5             102             365             3913
            TOTAL (GASOLINE)                3865            170            4164            6293            57253

        DIESEL

            HEAVY DUTY VEHICLES              598            265            2615             355             1003
            OFF HIGHWAY                       51             43             516              76              153
            RAIL                              50            113             737             187              258
            TOTAL (DIESEL)                   699            421            3868             618             1414

    AIRCRAFT

        CIVIL                                  0              0               0               4              181
        TOTAL (AIRCRAFT)                       0              0               0               4              181

    TOTAL (TRANSPORTATION)                  4563            591            8032            6915            58848

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                           3              0               0               4               23
    STRUCTURAL FIRES                          38              0               5              28              153
    GASOLINE STA EVAP LOSS                     0              0               0             759                0
    SOLVENT EVAPORATION LOSS                   0              0               0            5600                0
    UNPAVED ROADS                            992              0               0               0                0
    TOTAL (MISCELLANEOUS)                   1033              0               5            6391              176

GRAND TOTAL
***********

    AREA SOURCES                            6455           3291            9239           14001            61486

    POINT SOURCES                           3826          63649           10094            4390              671

    TOTAL                                  10281          66940           19333           18391            62157
```

```
                                      NATIONAL EMISSIONS DATA SYSTEM
                                     ********************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                     *********************************

                                                                       RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:15 INDIANA       AQCR:082 SOUTH BEND-ELKHART-BENTON HARB

                          PARTICULATES          SOX               NOX                HC                CO
                          ************     ************      ************      ************      ************
                           TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL          0                3                 0                 0                11
            DISTILLATE OIL          41              485               303                17                85
            NATURAL GAS            106                6               845                84               211
            WOOD                    29                0                 1                 6               207
            TOTAL (RESIDENTIAL)    176              494              1149               107               514

        ELEC GENERATION (POINT)

            BITUMINOUS COAL        706            69935             40008               220               726
            DISTILLATE OIL          15              403               754                 7                36
            NATURAL GAS              0                0               384                 0                10
            TOTAL (ELEC GEN)       721            70338             41146               227               772

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES      2463            15603              3285                98               214
                POINT SOURCES       70             1671               316                17                22
            RESIDUAL OIL
                AREA SOURCES        36              510               128                 2                12
                POINT SOURCES       72             1008               222                16                23
            DISTILLATE OIL
                AREA SOURCES        16              149               180                10                26
                POINT SOURCES        2               37                20                 1                 2
            NATURAL GAS
                AREA SOURCES        96                6              1735                29               164
                POINT SOURCES       12              192               430                10                30
            WOOD
                POINT SOURCES        6                0                 2                 1                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES      2611            16268              5328               139               416
                POINT SOURCES      162             2908               990                45                78

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES         3                7                 3                 0                 0
            BITUMINOUS COAL
                POINT SOURCES      154             2665               353                24                48
            RESIDUAL OIL
                AREA SOURCES        93             1294               326                 5                28
            DISTILLATE OIL
```

```
*** M12 ***                                                                                           *** M12 ***
    GOVERNMENT (POINT)

        OPEN BURNING                           4            0            2            8           23
        OTHER INCINERATION                     4            0            0            0            0
        TOTAL (GOVERNMENT)                     8            0            2            8           23

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                2824           26           83         7935        23803
        OPEN BURNING                        5587          213         1430         7538        23892
        TOTAL (RESIDENTIAL)                 8411          239         1513        15473        47695

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                1084          338          518          631         1486
                POINT SOURCES                 87           14           57           76          235
        TOTAL (COMM-INST)
                AREA SOURCES                1084          338          518          631         1486
                POINT SOURCES                 87           14           57           76          235

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 511          119          119          445          661
                POINT SOURCES                 66           10           36           39           97
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 511          119          119          445          661
                POINT SOURCES                 66           10           36           39           97

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               10006          696         2150        16549        49842
                POINT SOURCES                161           24           95          123          355

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            36902         1816        45085        60685       505452
            LIGHT DUTY TRUCKS              10505          776        17722        20461       149991
            HEAVY DUTY VEHICLES             3517          391        14052        14158       192959
            OFF HIGHWAY                      685          362         6769        24375       261399
            TOTAL (GASOLINE)               51609         3345        83628       119679      1109801

        DIESEL

            HEAVY DUTY VEHICLES             8656         4272        42910         5172        14393
            OFF HIGHWAY                     1134          946        11390         1678         3376
            RAIL                             729         1662        10763         2737         3789
            TOTAL (DIESEL)                 10519         6880        65063         9587        21558

    AIRCRAFT

        MILITARY                              83            8           50          148          266
        CIVIL                                  2            0            3          204         9108
        COMMERCIAL                            26           58          547          604         1365
        TOTAL (AIRCRAFT)                     111           66          600          956        10739

    VESSELS

        DIESEL FUEL                            7            9           70           19           24
        GASOLINE                               0           43          175         7040        22117
        TOTAL (VESSELS)                        7           52          245         7059        22141
```

```
*** M13 ***                                                                                          *** M13 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:    TUESDAY     JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:    TUESDAY        JULY 21, 1981
STATE:16 IOWA          AQCR:085 METROPOLITAN OMAHA-COUNCIL BLU     POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                              PARTICULATES       SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                1              3              0              5              3
         DISTILLATE OIL                 2             26             16              3              5
         NATURAL GAS                   17              1            138             16             34
         WOOD                           5              0              0              2             36
         TOTAL (RESIDENTIAL)           25             30            154             26             78

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              462           4799           3164             82            157
         NATURAL GAS                    0              0              2              0              0
         TOTAL (ELEC GEN)             462           4799           3166             82            157

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               61            467            103              5              7
         RESIDUAL OIL
            AREA SOURCES                1             11              3              0              0
         DISTILLATE OIL
            AREA SOURCES                1              5              6              0              1
            POINT SOURCES               0              3              1              0              0
         NATURAL GAS
            AREA SOURCES                1              0            200             80             27
            POINT SOURCES               6              0            103              2             11
         LIQUID PETROL GAS
            POINT SOURCES               0              0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               64            483            312             85             35
            POINT SOURCES               6              3            105              2             11

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                5             13              6              0              0
         BITUMINOUS COAL
            AREA SOURCES               18             70             11              0              2
         RESIDUAL OIL
            AREA SOURCES                2             26              7              0              1
         DISTILLATE OIL
            AREA SOURCES                1             19             14              0              3
         NATURAL GAS
            AREA SOURCES                7              0             82             10             14
```

```
      ON SITE INCINERATION
              AREA SOURCES               246          78          118          144          341
      TOTAL (COMM-INST)
              AREA SOURCES               246          78          118          144          341

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               121          24           24          109          162
              POINT SOURCES                1           0            0            0            0
      TOTAL (INDUSTRIAL)
              AREA SOURCES               121          24           24          109          162
              POINT SOURCES                1           0            0            0            0

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES              2394         161          510         3956        11929
              POINT SOURCES                2           0            0            0            0

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           10288         444        11029        15828       136399
         LIGHT DUTY TRUCKS              2666         176         4046         4952        37378
         HEAVY DUTY VEHICLES             838          83         2914         3269        44602
         OFF HIGHWAY                     115          61         1129         4067        43650
         TOTAL (GASOLINE)              13907         764        19118        28116       262029

      DIESEL

         HEAVY DUTY VEHICLES            2486        1107        11137         1497         4169
         OFF HIGHWAY                     249         206         2501          370          742
         RAIL                            178         406         2624          667          921
         TOTAL (DIESEL)                 2913        1719        16262         2534         5832

   AIRCRAFT

      MILITARY                            21           2           13           38           68
      CIVIL                                1           0            1           49         2199
      COMMERCIAL                          11          24          229          256          570
      TOTAL (AIRCRAFT)                    33          26          243          343         2837

   VESSELS

      GASOLINE                             0           1            5          196          614
      TOTAL (VESSELS)                      0           1            5          196          614

   TOTAL (TRANSPORTATION)              16853        2510        35628        31189       271312

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       49           0           13           70          415
   STRUCTURAL FIRES                      190           0           22          143          774
   GASOLINE STA EVAP LOSS                  0           0            0         4015            0
   SOLVENT EVAPORATION LOSS                0           0            0        29906            0
   UNPAVED ROADS                      190936           0            0            0            0
   TOTAL (MISCELLANEOUS)              191175           0           35        34134         1189

GRAND TOTAL
***********
```

```
    TOTAL (SOLID WASTE DISP)
            AREA SOURCES                560           19          142          757         2392
            POINT SOURCES                15            1            2           22          261

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        3712          194         4831         6656        53499
            LIGHT DUTY TRUCKS          1506          115         2606         3114        22378
            HEAVY DUTY VEHICLES         243           29          933         1013        13670
            OFF HIGHWAY                  59           33          591         2125        22797
            TOTAL (GASOLINE)           5520          371         8961        12908       112344

        DIESEL

            HEAVY DUTY VEHICLES         863          440         4251          487         1381
            OFF HIGHWAY                 165          138         1658          245          489
            RAIL                        268          605         3927          996         1380
            TOTAL (DIESEL)             1296         1183         9836         1728         3250

    AIRCRAFT

        CIVIL                             0            0            0           19          892
        TOTAL (AIRCRAFT)                  0            0            0           19          892

    VESSELS

        GASOLINE                          0            1            5          228          714
        TOTAL (VESSELS)                   0            1            5          228          714

    TOTAL (TRANSPORTATION)             6816         1555        18802        14883       117200

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    532            1          125          755         4396
    AGRICULTURAL BURNING                505            0           71          596         3319
    STRUCTURAL FIRES                     72            0            8           58          308
    GASOLINE STA EVAP LOSS                0            0            0         1455            0
    SOLVENT EVAPORATION LOSS              0            0            0         9541            0
    UNPAVED ROADS                    211230            0            0            0            0
    UNPAVED AIRSTRIPS                     2            0            0            0            0
    TOTAL (MISCELLANEOUS)            212341            1          204        12405         8023

GRAND TOTAL
***********

    AREA SOURCES                     220149         3390        37776        34305       130143

    POINT SOURCES                     10319        47349       102024         8532         4743

    TOTAL                            230468        50739       139800        42837       134886
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:  TUESDAY     JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:18 KENTUCKY       AQCR:072 PADUCAH-CAIRO                   POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES         SOX           NOX            HC            CO
                              ************    ************  ************  ************  ************
                               TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              113           341            15           113           503
         DISTILLATE OIL                 2            44            28             0             8
         NATURAL GAS                   48             1           381            37            97
         WOOD                         349             7            13            71          2502
         TOTAL (RESIDENTIAL)          512           393           437           221          3110

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             9366        546735        166356          1291          4299
         TOTAL (ELEC GEN)            9366        546735        166356          1291          4299

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             281          1783           516            15            33
             POINT SOURCES           2015          9356          1539            76           180
         RESIDUAL OIL
             POINT SOURCES             53           698           326             7            27
         DISTILLATE OIL
             AREA SOURCES              19           198           241            12            34
             POINT SOURCES             29           172           222             8            34
         NATURAL GAS
             AREA SOURCES               7             0          1944           772           266
             POINT SOURCES             58             4          3777             6            98
         PROCESS GAS
             POINT SOURCES              1             0            51             0             3
         LIQUID PETROL GAS
             POINT SOURCES              0             0             2             0             0
         OTHER
             POINT SOURCES              3             0            27             0             2
         TOTAL (INDUSTRIAL)
             AREA SOURCES             307          1981          2701           799           333
             POINT SOURCES           2159         10230          5944            97           344

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES              35            87            37             0             3
         BITUMINOUS COAL
             POINT SOURCES            150           212            25             3             6
         RESIDUAL OIL
             AREA SOURCES               0             3             0             0             0
```

```
*** NO2 ***                                                                                          *** NO2 ***
        DIESEL

            HEAVY DUTY VEHICLES           1646          797         7378          900         2640
            OFF HIGHWAY                    379          321         3861          566         1143
            RAIL                            67          156         1005          254          355
            TOTAL (DIESEL)                2092         1274        12244         1720         4138

    AIRCRAFT

        MILITARY                           190           18          114          337          608
        CIVIL                                0            0            0           19          984
        COMMERCIAL                           1            3           27           31           68
        TOTAL (AIRCRAFT)                   191           21          141          387         1660

    VESSELS

        GASOLINE                             0            3           15          781         2459
        TOTAL (VESSELS)                      0            3           15          781         2459

    TOTAL (TRANSPORTATION)               14756         1951        28057        24714       205357

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       799            1          188         1124         6551
    FOREST MANAGED BURNING                5532           40         1106         4978        30976
    AGRICULTURAL BURNING                  1330            0          187         1570         8738
    STRUCTURAL FIRES                       148            0           13          107          590
    GASOLINE STA EVAP LOSS                   0            0            0         3499            0
    SOLVENT EVAPORATION LOSS                 0            0            0        19094            0
    UNPAVED ROADS                        70477            0            0            0            0
    UNPAVED AIRSTRIPS                        8            0            0            0            0
    TOTAL (MISCELLANEOUS)                78294           41         1494        30372        46855

GRAND TOTAL
***********

    AREA SOURCES                         95433         2407        31939        57353       264951

    POINT SOURCES                        10346        71352        38937         1173         7107

    TOTAL                               105779        73759        70876        58526       272058
```

TOTAL (EXTERNAL COMB)					
AREA SOURCES	296	146	767	134	1825
POINT SOURCES	6292	38187	15409	640	1209
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	296	146	767	134	1825
POINT SOURCES	6292	38187	15409	640	1209
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	450	2765	551	13	2
FOOD/AGRICULTURAL	140	0	0	0	0
SECONDARY METALS	174	44	1	0	62
MINERAL PRODUCTS	367	271	116	75	406
PETROLEUM INDUSTRY	31	692	110	131	1
WOOD PRODUCTS	1187	2579	979	0	31635
ORGANIC SOLVENT EVAPORATION	0	0	0	150	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	319	0
OTHER/NOT CLASSIFIED	29	105	72	7	8
TOTAL (INDUSTRIAL)	2378	6456	1829	695	32114
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
OPEN BURNING	348	14	90	471	1491
TOTAL (RESIDENTIAL)	348	14	90	471	1491
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	4	1	2	3	8
OPEN BURNING					
AREA SOURCES	2	0	1	3	9
TOTAL (COMM-INST)					
AREA SOURCES	6	1	3	6	17
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	8	2	4	2	0
OPEN BURNING					
AREA SOURCES	39	1	12	66	234
TOTAL (INDUSTRIAL)					
AREA SOURCES	39	1	12	66	234
POINT SOURCES	8	2	4	2	0
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	393	16	105	543	1742
POINT SOURCES	8	2	4	2	0
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	5953	239	5565	7825	68121
LIGHT DUTY TRUCKS	1141	72	1585	1950	14469
HEAVY DUTY VEHICLES	365	33	1069	1311	18056
OFF HIGHWAY	22	11	217	786	8429
TOTAL (GASOLINE)	7481	355	8436	11872	109075

```
*** N04 ***                                                                                  *** N04 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*************************                                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 13:IDAHO

                             PARTICULATES        SOX            NOX            HC             CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL            331             608             48            331           1483
         DISTILLATE OIL              33             957            244              8             65
         NATURAL GAS                 48               1            418             43            107
         WOOD                      1480              30             58            296          10656
         TOTAL (RESIDENTIAL)       1892            1596            768            678          12311

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            691            2542           1162             32             74
            POINT SOURCES           780            3573           3406             74            202
         RESIDUAL OIL
            POINT SOURCES            89            1513            313              7             35
         DISTILLATE OIL
            AREA SOURCES             45            1086            530             24             75
            POINT SOURCES            41              22             36              4             10
         NATURAL GAS
            AREA SOURCES            107               4           7211           2297            918
            POINT SOURCES            18               2           1922              8             45
         WOOD
            POINT SOURCES          4691            1769          11780           2356           2356
         TOTAL (INDUSTRIAL)
            AREA SOURCES            843            3632           8903           2353           1067
            POINT SOURCES          5619            6879          17457           2449           2648

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            12             342             68              5              9
         RESIDUAL OIL
            AREA SOURCES             40             510            151              0             10
         DISTILLATE OIL
            AREA SOURCES             10             481            149              3             30
         NATURAL GAS
            AREA SOURCES             34               0            415             23             65
         WOOD
            POINT SOURCES            84              11             75             15             15
         TOTAL (COMM-INST)
            AREA SOURCES             84             991            715             26            105
            POINT SOURCES            96             353            143             20             24

      TOTAL (EXTERNAL COMB)
            AREA SOURCES           2819            6219          10386           3057          13483
```

*** NO5 ***

*** NO5 ***

```
*** N06 ***                                                                                           *** N06 ***
        TOTAL  (EXTERNAL COMB)
                AREA SOURCES              689          3231          3496           319           624
                POINT SOURCES           63466         54439         11537           197           569

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  1             0            25             0             2
            TOTAL  (ELEC GEN)               1             0            25             0             2

        INDUSTRIAL FUEL

            NATURAL GAS                     1             0           563           123            39
            TOTAL  (INDUSTRIAL)             1             0           563           123            39

        TOTAL  (INTERNAL COMB)              2             0           588           123            41

    TOTAL  (FUEL COMBUSTION)

                AREA SOURCES              689          3231          3496           319           624
                POINT SOURCES           63468         54439         12125           320           610

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               1498            74           243           116            23
    FOOD/AGRICULTURAL                   89763             0             0           744             0
    SECONDARY METALS                     1190             0             0            66          2394
    MINERAL PRODUCTS                     2688             0            11             0            30
    WOOD PRODUCTS                          19             0             0             0             0
    ORGANIC SOLVENT EVAPORATION             1             0             0         11005             0
    PETROLEUM STORAGE/TRANSPORT             0             0             0          6202             0
    METAL FABRICATION                       3             0             0            72             0
    OTHER/NOT CLASSIFIED                    0             0            33             0             0
    TOTAL  (INDUSTRIAL)                 95162            74           287         18205          2447

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              889            10            29          2499          7492
        OPEN BURNING                     1278            47           328          1725          5470
        TOTAL  (RESIDENTIAL)             2167            57           357          4224         12962

    TOTAL  (SOLID WASTE DISP)
                AREA SOURCES             2167            57           357          4224         12962

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         12556           562         13383         17817        154804
            LIGHT DUTY TRUCKS            3107           200          4596          5603         42389
            HEAVY DUTY VEHICLES           949            91          3210          3621         49564
            OFF HIGHWAY                   122            63          1191          4285         45947
            TOTAL  (GASOLINE)           16734           916         22380         31326        292704

        DIESEL

            HEAVY DUTY VEHICLES          1621           778          7757           969          2719
            OFF HIGHWAY                   353           296          3588           528          1063
```

```
*** N07 ***                                                                                              *** N07 ***

                                               NATIONAL EMISSIONS DATA SYSTEM
                                              ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

                                                                               RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
******************************                                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:14 ILLINOIS        AQCR:070 METROPOLITAN ST. LOUIS

                                 PARTICULATES        SOX            NOX             HC              CO
                                 ************   ************   ************   ************   ************
                                  TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                16             60              2             16             71
            DISTILLATE OIL                 21            231            143              7             40
            NATURAL GAS                   138              7           1101            110            275
            TOTAL (RESIDENTIAL)           175            298           1246            133            386

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              9496         298666         142347            934           3116
            RESIDUAL OIL                    6             68            165              2              8
            DISTILLATE OIL                 40            808            553             20            102
            TOTAL (ELEC GEN)             9542         299542         143065            956           3226

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              627           3612            953             27             61
                POINT SOURCES            1459           2672           1046             69            138
            RESIDUAL OIL
                POINT SOURCES             613           7161           2666            104            106
            DISTILLATE OIL
                POINT SOURCES              27            983            304              3             11
            NATURAL GAS
                AREA SOURCES               25              1            701            118             78
                POINT SOURCES             104            867           5342             13            117
            WOOD
                POINT SOURCES               0              0              0              0              6
            TOTAL (INDUSTRIAL)
                AREA SOURCES              652           3613           1654            145            139
                POINT SOURCES            2203          11683           9358            189            378

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES               14             32             14              0              1
            BITUMINOUS COAL
                POINT SOURCES              47            773             87              5             11
            RESIDUAL OIL
                AREA SOURCES               38            529            132              2             11
                POINT SOURCES               9            109             46              1              4
            DISTILLATE OIL
                AREA SOURCES                3             51             40              2              8
                POINT SOURCES               0              4              4              0              1
```

*** NO8 ***

*** NO8 ***

```
*** N09 ***                                                                                           *** N09 ***
         RESIDUAL OIL
            AREA SOURCES                   81          1121          282           5          23
            POINT SOURCES                   1             5            2           0           0
         DISTILLATE OIL
            AREA SOURCES                   11           153          117           6          27
            POINT SOURCES                   0             5            3           0           0
         NATURAL GAS
            AREA SOURCES                   39             2          458          31          76
            POINT SOURCES                   2             0           36           1           4
         TOTAL (COMM-INST)
            AREA SOURCES                  131          1276          857          42         126
            POINT SOURCES                  10            79           45           3          10

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 1078          6553         3531         192         609
            POINT SOURCES                9695         98135        70157        1175       12806

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS                        0             0         1064         438         135
         TOTAL (INDUSTRIAL)                 0             0         1064         438         135

      TOTAL (INTERNAL COMB)                 0             0         1064         438         135

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                 1078          6553         3531         192         609
            POINT SOURCES                9695         98135        71221        1613       12941

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                 150          8977           16          73           0
   FOOD/AGRICULTURAL                     1846             0            0           0           0
   PRIMARY METAL                        41073         40860        16038       26373      269791
   SECONDARY METALS                       320          1037           27          44         111
   MINERAL PRODUCTS                       902          1639          227          15          74
   PETROLEUM INDUSTRY                    2100         23283         7875        1772         787
   WOOD PRODUCTS                           25             0            0           0           0
   ORGANIC SOLVENT EVAPORATION              1             0            0        7130           0
   PETROLEUM STORAGE/TRANSPORT              0             0            0        8200           0
   METAL FABRICATION                        5             0            0           0           0
   OTHER/NOT CLASSIFIED                   506          4013        12526         101         505
   TOTAL (INDUSTRIAL)                   46928         79809        36709       43708      271268

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION               23            24           20           0           0
      TOTAL (GOVERNMENT)                   23            24           20           0           0

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                515             8           16        1447        4342
      OPEN BURNING                       1034            38          265        1395        4425
      TOTAL (RESIDENTIAL)                1549            46          281        2842        8767

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
             AREA SOURCES                 121            38           57          70         166
             POINT SOURCES                  2             3           12           1           1
```

```
*** N11 ***                                                                                            *** N11 ***
                 AREA SOURCES          13               179               135                 7                32
                 POINT SOURCES          4                 8                 4                 4                 4
             NATURAL GAS
                 AREA SOURCES          42                 2               515                35                86
                 POINT SOURCES          2                 2                24                 2                 2
             TOTAL (COMM-INST)
                 AREA SOURCES         151              1482               979                47               146
                 POINT SOURCES        160              2675               381                30                54

          TOTAL (EXTERNAL COMB)
                 AREA SOURCES        2938             18244              7456               293              1076
                 POINT SOURCES       1043             75921             42517               302               904

      TOTAL (FUEL COMBUSTION)

                 AREA SOURCES        2938             18244              7456               293              1076
                 POINT SOURCES       1043             75921             42517               302               904

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING          139                 0                 0               928                 0
      FOOD/AGRICULTURAL               516                 0                 0                 0                 0
      SECONDARY METALS                278                 5                11                53              7226
      MINERAL PRODUCTS               2300                 0                 0                 0                 0
      WOOD PRODUCTS                    37                 0                 0                 9                 0
      ORGANIC SOLVENT EVAPORATION      59                 0                 0             32932                 0
      PETROLEUM STORAGE/TRANSPORT       0                 0                 0                81                 0
      METAL FABRICATION                12                 0                 0                 0                 0
      TEXTILE MANUFACTURING             1                 0                 0                 0                 0
      OTHER/NOT CLASSIFIED             16                 0                 0                 0                 0
      TOTAL (INDUSTRIAL)             3358                 5                11             34003              7226

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

         ON SITE INCINERATION         455                 7                14              1280              3840
         OPEN BURNING                 915                34               234              1234              3919
         TOTAL (RESIDENTIAL)         1370                41               248              2514              7759

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
               AREA SOURCES           106                34                51                62               145
         OPEN BURNING
               AREA SOURCES             4                 0                 1                 7                17
         TOTAL (COMM-INST)
               AREA SOURCES           110                34                52                69               162

      INDUSTRIAL

         ON SITE INCINERATION
               AREA SOURCES            66                14                14                59                87
               POINT SOURCES            1                 1                 1                 1                 1
         OPEN BURNING
               AREA SOURCES            34                 1                10                56               200
         TOTAL (INDUSTRIAL)
               AREA SOURCES           100                15                24               115               287
               POINT SOURCES            1                 1                 1                 1                 1

      TOTAL (SOLID WASTE DISP)
               AREA SOURCES          1580                90               324              2698              8208
               POINT SOURCES            1                 1                 1                 1                 1
```

```
    TOTAL (TRANSPORTATION)                 62246         10343        149536        137281       1164239

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         267             0            61           377          2204
    STRUCTURAL FIRES                         807             0            96           603          3266
    GASOLINE STA EVAP LOSS                     0             0             0         16105             0
    SOLVENT EVAPORATION LOSS                   0             0             0        105077             0
    UNPAVED ROADS                         982179             0             0             0             0
    UNPAVED AIRSTRIPS                         21             0             0             0             0
    TOTAL (MISCELLANEOUS)                 983274             0           157        122162          5470

GRAND TOTAL
***********

    AREA SOURCES                         1061325         40641        179402        281499       1227541

    POINT SOURCES                         213232        320509        120138         22452         55120

    TOTAL                                1274557        361150        299540        303951       1282661
```

```
*** N13 ***                                                                                     *** N13 ***
                  POINT SOURCES                 0            0            1            0            0
              TOTAL (COMM-INST)
                  AREA SOURCES                 33          128          120           10           20
                  POINT SOURCES                 0            0            1            0            0

          TOTAL (EXTERNAL COMB)
                  AREA SOURCES                122          641          586          121          133
                  POINT SOURCES               468         4802         3272           84          168

      TOTAL (FUEL COMBUSTION)

                  AREA SOURCES                122          641          586          121          133
                  POINT SOURCES               468         4802         3272           84          168

INDUSTRIAL PROCESS (POINT)
**************************

      FOOD/AGRICULTURAL                      1031            0            0            0            0
      SECONDARY METALS                         18            0            0            0        10027
      MINERAL PRODUCTS                         11            0            0            0            0
      TOTAL (INDUSTRIAL)                     1060            0            0            0        10027

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION                 87            1            3          244          733
          OPEN BURNING                        181            7           46          244          773
          TOTAL (RESIDENTIAL)                 268            8           49          488         1506

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  AREA SOURCES                 33           10           15           19           45
                  POINT SOURCES                75            8           19           75          225
          TOTAL (COMM-INST)
                  AREA SOURCES                 33           10           15           19           45
                  POINT SOURCES                75            8           19           75          225

      INDUSTRIAL

          ON SITE INCINERATION
                  AREA SOURCES                 16            3            3           15           22
                  POINT SOURCES                 1            0            1            1            2
          TOTAL (INDUSTRIAL)
                  AREA SOURCES                 16            3            3           15           22
                  POINT SOURCES                 1            0            1            1            2

      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES                317           21           67          522         1573
                  POINT SOURCES                76            8           20           76          227

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

          GASOLINE

              LIGHT DUTY VEHICLES             505           38          953         1054         7816
              LIGHT DUTY TRUCKS               149           15          358          344         2275
              HEAVY DUTY VEHICLES              24            3          126          102         1408
              OFF HIGHWAY                      12            6          117          420         4507
              TOTAL (GASOLINE)                690           62         1554         1920        16006
```

```
*** N14 ***                                                                                                                  *** N14 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                                     RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                                        AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:16 IOWA            AQCR:089 NORTH CENTRAL IOWA                               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                    PARTICULATES          SOX               NOX               HC                CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                    9                26                 0                 9                32
            DISTILLATE OIL                    34               379               234                14                67
            NATURAL GAS                       66                 2               525                54               130
            WOOD                              35                 0                 0                 7               252
            TOTAL (RESIDENTIAL)              144               407               759                84               481

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                  795              2649               441                19                41
            RESIDUAL OIL                       2                58                14                 0                 1
            DISTILLATE OIL                     1                42                22                 0                 3
            NATURAL GAS                        0                 0                46                 0                 2
            TOTAL (ELEC GEN)                 798              2749               523                19                47

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 241              1724               404                11                26
            RESIDUAL OIL
                AREA SOURCES                   4                76                20                 0                 0
                POINT SOURCES                 79               176                49                 1                 6
            DISTILLATE OIL
                AREA SOURCES                   2                23                30                 0                 3
                POINT SOURCES                  3                25                19                 0                 3
            NATURAL GAS
                AREA SOURCES                   3                 0              1041               415               141
                POINT SOURCES                 40                 2              1766                17                74
            LIQUID PETROL GAS
                POINT SOURCES                 43                 0               294                 7                38
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 250              1823              1495               426               170
                POINT SOURCES                165               203              2128                25               121

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  26                60                26                 0                 1
            BITUMINOUS COAL
                AREA SOURCES                  85               291                53                 2                10
            RESIDUAL OIL
                AREA SOURCES                   9               131                34                 0                 1
            DISTILLATE OIL
```

*** N15 ***

AREA SOURCES	211776	9087	42765	70554	286041
POINT SOURCES	35355	58133	16384	15660	5436
TOTAL	247131	67220	59149	86214	291477

*** N15 ***

```
*** N16 ***                                                                                          *** N16 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE/AQCR EMISSIONS REPORT                                                RUN DATE:  TUESDAY   JANUARY 26, 1982
******************************                                 AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:17 KANSAS         AQCR:095 NORTHEAST KANSAS             POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                                      PARTICULATES      SOX           NOX            HC            CO
                                      ************  ************  ************  ************  ************
                                       TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                      1             4             0             1             4
            DISTILLATE OIL                      10            99            64             1            19
            NATURAL GAS                         92             3           724            70           181
            TOTAL (RESIDENTIAL)                103           106           788            72           204

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                   1184          8374         33149           552          1846
            RESIDUAL OIL                       105          1280           908             6            42
            NATURAL GAS                         10             0          1397             2            33
            TOTAL (ELEC GEN)                  1299          9654         35454           560          1921

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                   112          1037           271             8            16
            RESIDUAL OIL
                AREA SOURCES                    55           747           189             3            15
                POINT SOURCES                   15           203             1             1             5
            DISTILLATE OIL
                AREA SOURCES                     9            99           122             5            16
            NATURAL GAS
                AREA SOURCES                   124             7         12911          4636          1696
                POINT SOURCES                   18             1          1666             3            30
            TOTAL (INDUSTRIAL)
                AREA SOURCES                   300          1890         13493          4652          1743
                POINT SOURCES                   33           204          1667             4            35

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                     6            42             6             0             1
            RESIDUAL OIL
                AREA SOURCES                     2            39             9             0             0
            DISTILLATE OIL
                AREA SOURCES                     4            85            68             2            14
                POINT SOURCES                    0             0             2             0             0
            NATURAL GAS
                AREA SOURCES                    49             2           573            38            95
            TOTAL (COMM-INST)
                AREA SOURCES                    61           168           656            40           110
                POINT SOURCES                    0             0             2             0             0
```

```
A01...STATE:10 FLORIDA      AQCR:050   A04...STATE:11 GEORGIA      AQCR:058   A07...STATE:14 ILLINOIS     AQCR:066
B01...STATE:10 FLORIDA      AQCR:051   B04...STATE:11 GEORGIA      AQCR:059   B07...STATE:14 ILLINOIS     AQCR:067
C01...STATE:10 FLORIDA      AQCR:051   C04...STATE:11 GEORGIA      AQCR:059   C07...STATE:14 ILLINOIS     AQCR:067
D01...STATE:10 FLORIDA      AQCR:051   D04...STATE:11 GEORGIA      AQCR:059   D07...STATE:14 ILLINOIS     AQCR:067
E01...STATE:10 FLORIDA      AQCR:051   E04...STATE:11 GEORGIA      AQCR:059   E07...STATE:14 ILLINOIS     AQCR:067
F01...STATE:10 FLORIDA      AQCR:052   F04...STATE 12:HAWAII                  F07...STATE:14 ILLINOIS     AQCR:067
G01...STATE:10 FLORIDA      AQCR:052   G04...STATE 12:HAWAII                  G07...STATE:14 ILLINOIS     AQCR:068
H01...STATE:10 FLORIDA      AQCR:052   H04...STATE 12:HAWAII                  H07...STATE:14 ILLINOIS     AQCR:068
I01...STATE:10 FLORIDA      AQCR:052   I04...STATE 12:HAWAII                  I07...STATE:14 ILLINOIS     AQCR:068
J01...STATE 11:GEORGIA                 J04...STATE:12 HAWAII       AQCR:060   J07...STATE:14 ILLINOIS     AQCR:069
K01...STATE 11:GEORGIA                 K04...STATE:12 HAWAII       AQCR:060   K07...STATE:14 ILLINOIS     AQCR:069
L01...STATE 11:GEORGIA                 L04...STATE:12 HAWAII       AQCR:060   L07...STATE:14 ILLINOIS     AQCR:069
M01...STATE 11:GEORGIA                 M04...STATE:12 HAWAII       AQCR:060   M07...STATE:14 ILLINOIS     AQCR:069
N01...STATE 11:GEORGIA                 N04...STATE 13:IDAHO                   N07...STATE:14 ILLINOIS     AQCR:070
O01...STATE:11 GEORGIA      AQCR:002   O04...STATE 13:IDAHO                   O07...STATE:14 ILLINOIS     AQCR:070
A02...STATE:11 GEORGIA      AQCR:002   A05...STATE 13:IDAHO                   A08...STATE:14 ILLINOIS     AQCR:070
B02...STATE:11 GEORGIA      AQCR:002   B05...STATE 13:IDAHO                   B08...STATE:14 ILLINOIS     AQCR:070
C02...STATE:11 GEORGIA      AQCR:002   C05...STATE:13 IDAHO        AQCR:061   C08...STATE:14 ILLINOIS     AQCR:071
D02...STATE:11 GEORGIA      AQCR:049   D05...STATE:13 IDAHO        AQCR:061   D08...STATE:14 ILLINOIS     AQCR:071
E02...STATE:11 GEORGIA      AQCR:049   E05...STATE:13 IDAHO        AQCR:061   E08...STATE:14 ILLINOIS     AQCR:071
F02...STATE:11 GEORGIA      AQCR:049   F05...STATE:13 IDAHO        AQCR:061   F08...STATE:14 ILLINOIS     AQCR:071
G02...STATE:11 GEORGIA      AQCR:049   G05...STATE:13 IDAHO        AQCR:062   G08...STATE:14 ILLINOIS     AQCR:072
H02...STATE:11 GEORGIA      AQCR:053   H05...STATE:13 IDAHO        AQCR:062   H08...STATE:14 ILLINOIS     AQCR:072
I02...STATE:11 GEORGIA      AQCR:053   I05...STATE:13 IDAHO        AQCR:062   I08...STATE:14 ILLINOIS     AQCR:072
J02...STATE:11 GEORGIA      AQCR:053   J05...STATE:13 IDAHO        AQCR:062   J08...STATE:14 ILLINOIS     AQCR:072
K02...STATE:11 GEORGIA      AQCR:053   K05...STATE:13 IDAHO        AQCR:063   K08...STATE:14 ILLINOIS     AQCR:073
L02...STATE:11 GEORGIA      AQCR:054   L05...STATE:13 IDAHO        AQCR:063   L08...STATE:14 ILLINOIS     AQCR:073
M02...STATE:11 GEORGIA      AQCR:054   M05...STATE:13 IDAHO        AQCR:063   M08...STATE:14 ILLINOIS     AQCR:073
N02...STATE:11 GEORGIA      AQCR:054   N05...STATE:13 IDAHO        AQCR:063   N08...STATE:14 ILLINOIS     AQCR:073
O02...STATE:11 GEORGIA      AQCR:054   O05...STATE:13 IDAHO        AQCR:064   O08...STATE:14 ILLINOIS     AQCR:074
A03...STATE:11 GEORGIA      AQCR:055   A06...STATE:13 IDAHO        AQCR:064   A09...STATE:14 ILLINOIS     AQCR:074
B03...STATE:11 GEORGIA      AQCR:055   B06...STATE:13 IDAHO        AQCR:064   B09...STATE:14 ILLINOIS     AQCR:074
C03...STATE:11 GEORGIA      AQCR:055   C06...STATE:13 IDAHO        AQCR:064   C09...STATE:14 ILLINOIS     AQCR:074
D03...STATE:11 GEORGIA      AQCR:055   D06...STATE 14:ILLINOIS                D09...STATE:14 ILLINOIS     AQCR:075
E03...STATE:11 GEORGIA      AQCR:056   E06...STATE 14:ILLINOIS                E09...STATE:14 ILLINOIS     AQCR:075
F03...STATE:11 GEORGIA      AQCR:056   F06...STATE 14:ILLINOIS                F09...STATE:14 ILLINOIS     AQCR:075
G03...STATE:11 GEORGIA      AQCR:056   G06...STATE 14:ILLINOIS                G09...STATE:14 ILLINOIS     AQCR:075
H03...STATE:11 GEORGIA      AQCR:056   H06...STATE 14:ILLINOIS                H09...STATE 15:INDIANA
I03...STATE:11 GEORGIA      AQCR:057   I06...STATE:14 ILLINOIS     AQCR:065   I09...STATE 15:INDIANA
J03...STATE:11 GEORGIA      AQCR:057   J06...STATE:14 ILLINOIS     AQCR:065   J09...STATE 15:INDIANA
K03...STATE:11 GEORGIA      AQCR:057   K06...STATE:14 ILLINOIS     AQCR:065   K09...STATE 15:INDIANA
L03...STATE:11 GEORGIA      AQCR:057   L06...STATE:14 ILLINOIS     AQCR:065   L09...STATE 15:INDIANA
M03...STATE:11 GEORGIA      AQCR:058   M06...STATE:14 ILLINOIS     AQCR:066   M09...STATE:15 INDIANA      AQCR:067
N03...STATE:11 GEORGIA      AQCR:058   N06...STATE:14 ILLINOIS     AQCR:066   N09...STATE:15 INDIANA      AQCR:067
O03...STATE:11 GEORGIA      AQCR:058   O06...STATE:14 ILLINOIS     AQCR:066   O09...STATE:15 INDIANA      AQCR:067
```

```
FICHE/SEGMT    3    3 CKPT:    1,  882,  360,    2,  126
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       *******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:11 GEORGIA      AQCR:002 COLUMBUS-PHENIX CITY    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES        SOX             NOX             HC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          DISTILLATE OIL            0               5               3               0               0
          NATURAL GAS              25               1             196              18              50
          WOOD                    324               7              12              66            2322
          TOTAL (RESIDENTIAL)     349              13             211              84            2372

       ELEC GENERATION (POINT)

          OTHER                    41              15             101              21              21
          TOTAL (ELEC GEN)         41              15             101              21              21

       INDUSTRIAL FUEL

          BITUMINOUS COAL
              POINT SOURCES        12              22               6               0               1
          RESIDUAL OIL
              POINT SOURCES         0               3               1               0               0
          DISTILLATE OIL
              AREA SOURCES          9              96             118               5              15
              POINT SOURCES        19               2               1               0               0
          NATURAL GAS
              AREA SOURCES         15               1             511             105              58
              POINT SOURCES         6               0              30               0               3
          WOOD
              POINT SOURCES        25               6              39               8               8
          TOTAL (INDUSTRIAL)
              AREA SOURCES         24              97             629             110              73
              POINT SOURCES        62              33              77               8              12

       COMM-INSTITUTIONAL FUEL

          BITUMINOUS COAL
              AREA SOURCES          4               7               2               0               0
          RESIDUAL OIL
              POINT SOURCES         0               1               3               0               0
          DISTILLATE OIL
              AREA SOURCES          2              31              23               1               5
              POINT SOURCES         3              22              33               2               8
          NATURAL GAS
              AREA SOURCES         10               1             135               8              22
              POINT SOURCES        15               1             195              10              28
          LIQUID PETROL GAS
              POINT SOURCES         7               9              34               3               7
          TOTAL (COMM-INST)
```

DIESEL					
HEAVY DUTY VEHICLES	1240	540	5026	681	1999
OFF HIGHWAY	183	153	1842	271	546
RAIL	39	90	587	148	207
TOTAL (DIESEL)	1462	783	7455	1100	2752
AIRCRAFT					
MILITARY	145	14	88	258	466
CIVIL	1	0	1	14	731
COMMERCIAL	4	9	79	89	198
TOTAL (AIRCRAFT)	150	23	168	361	1395
VESSELS					
DIESEL FUEL	95	119	891	234	313
RESIDUAL OIL	142	1869	306	22	10
GASOLINE	0	11	41	1677	5268
TOTAL (VESSELS)	237	1999	1238	1933	5591
TOTAL (TRANSPORTATION)	9330	3160	17297	15266	118813
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	515	6	121	727	4241
FOREST MANAGED BURNING	3737	28	747	3363	20922
AGRICULTURAL BURNING	527	0	72	621	3457
STRUCTURAL FIRES	83	0	9	62	335
GASOLINE STA EVAP LOSS	0	0	0	2029	0
SOLVENT EVAPORATION LOSS	0	0	0	7627	0
UNPAVED ROADS	28367	0	0	0	0
TOTAL (MISCELLANEOUS)	33229	34	949	14429	28955
GRAND TOTAL ***********					
AREA SOURCES	43248	3356	19118	30372	151335
POINT SOURCES	8678	44645	17242	1337	33323
TOTAL	51926	48001	36360	31709	184658

```
              POINT SOURCES                 5715          7232         17600          2469          2672

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                  2819          6219         10386          3057         13483
              POINT SOURCES                 5715          7232         17600          2469          2672

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                   2117          9063           145           237           398
   FOOD/AGRICULTURAL                        3146             0           210             6            29
   PRIMARY METAL                            1689         19063             0             0             0
   SECONDARY METALS                            7             0             0             0             0
   MINERAL PRODUCTS                         1597          3307           824             0             0
   WOOD PRODUCTS                             655           200           301             0          8124
   ORGANIC SOLVENT EVAPORATION                 0             0             0            20             0
   PETROLEUM STORAGE/TRANSPORT                 0             0             0           538             0
   OTHER/NOT CLASSIFIED                       13             0             0             0             0
   TOTAL (INDUSTRIAL)                       9224         31633          1480           801          8551

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                   896            10            24          2516          7539
      OPEN BURNING                          1546            59           396          2088          6620
      TOTAL (RESIDENTIAL)                   2442            69           420          4604         14159

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                     4             0             3             3             7
              POINT SOURCES                    6             0             4            44           520
      TOTAL (COMM-INST)
              AREA SOURCES                     4             0             3             3             7
              POINT SOURCES                    6             0             4            44           520

   INDUSTRIAL

      ON SITE INCINERATION
              POINT SOURCES                 1405            29           274          2633         31216
      TOTAL (INDUSTRIAL)
              POINT SOURCES                 1405            29           274          2633         31216

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                  2446            69           423          4607         14166
              POINT SOURCES                 1411            29           278          2677         31736

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES               11831           554         12284         22579        212353
         LIGHT DUTY TRUCKS                  6044           409          8294         13625        117693
         HEAVY DUTY VEHICLES                 976            96          2756          4289         66928
         OFF HIGHWAY                         130            71          1303          4701         50383
         TOTAL (GASOLINE)                  18981          1130         24637         45194        447357

      DIESEL

         HEAVY DUTY VEHICLES                2842          1361         13452          2416          6016
```

```
                                      NATIONAL EMISSIONS DATA SYSTEM
                                     ********************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                     *********************************

                                                                                  RUN DATE:    TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:    TUESDAY        JULY 21, 1981
****************************                                        POINT EMISSIONS AS OF:   THURSDAY         MAY 28, 1981
STATE:13 IDAHO          AQCR:064 METROPOLITAN BOISE

                               PARTICULATES          SOX              NOX              HC               CO
                               ************     ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL            63              130               10               63              283
            DISTILLATE OIL              8              221               55                3               15
            NATURAL GAS                18                1              146               15               36
            WOOD                       49                1                2               10              351
            TOTAL (RESIDENTIAL)       138              353              213               91              685

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          148              529              247                7               16
                POINT SOURCES          71              697              617               10               34
            DISTILLATE OIL
                AREA SOURCES           12              293              142                8               20
            NATURAL GAS
                AREA SOURCES           25                2             1690              539              215
                POINT SOURCES          11                1              716                1               20
            TOTAL (INDUSTRIAL)
                AREA SOURCES          185              824             2079              554              251
                POINT SOURCES          82              698             1333               11               54

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES            7               87               25                0                3
            DISTILLATE OIL
                AREA SOURCES            3               75               23                1                5
            NATURAL GAS
                AREA SOURCES            9                0              102                6               17
            TOTAL (COMM-INST)
                AREA SOURCES           19              162              150                7               25

        TOTAL (EXTERNAL COMB)
                AREA SOURCES          342             1339             2442              652              961
                POINT SOURCES          82              698             1333               11               54

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          342             1339             2442              652              961
                POINT SOURCES          82              698             1333               11               54

INDUSTRIAL PROCESS (POINT)
**************************
```

```
*** 006 ***                                                                                                   *** 006 ***
          RAIL                              219          496          3213          815          1130
          TOTAL (DIESEL)                   2193         1572         14558         2312          4912

     AIRCRAFT

        MILITARY                              9            1             5           16            29
        CIVIL                                 1            0             1           48          2241
        COMMERCIAL                            6           13           123          138           308
        TOTAL (AIRCRAFT)                     16           14           129          202          2578

     VESSELS

        GASOLINE                              0            0             4          156           488
        TOTAL (VESSELS)                       0            0             4          156           488

     TOTAL (TRANSPORTATION)               18943         2502         37071        33996        300682

MISCELLANEOUS (AREA)
*********************

     STRUCTURAL FIRES                       186            0            23          136           756
     GASOLINE STA EVAP LOSS                   0            0             0         3602             0
     SOLVENT EVAPORATION LOSS                 0            0             0        20232             0
     UNPAVED ROADS                        47726            0             0            0             0
     TOTAL (MISCELLANEOUS)                47912            0            23        23970           756

GRAND TOTAL
***********

     AREA SOURCES                         69711         5790         40947        62509        315024

     POINT SOURCES                       158630        54513         12412        18525          3057

     TOTAL                               228341        60303         53359        81034        318081
```

```
*** 007 ***                                                                                                   *** 007 ***
          NATURAL GAS
               AREA SOURCES                   32              2             373             25             62
               POINT SOURCES                   2              0              63              0              5
          TOTAL (COMM-INST)
               AREA SOURCES                   87            614             559             29             82
               POINT SOURCES                  58            886             200              6             21

       TOTAL (EXTERNAL COMB)
               AREA SOURCES                  914           4525            3459            307            607
               POINT SOURCES               11803         312111          152623           1151           3625

   INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           DISTILLATE OIL                     59             55             849             67            183
           TOTAL (ELEC GEN)                   59             55             849             67            183

       INDUSTRIAL FUEL

           NATURAL GAS                         7             45            1240            446            189
           TOTAL (INDUSTRIAL)                  7             45            1240            446            189

       TOTAL (INTERNAL COMB)                  66            100            2089            513            372

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 914           4525            3459            307            607
                POINT SOURCES              11869         312211          154712           1664           3997

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                    203           4412              25             33              0
   FOOD/AGRICULTURAL                        1063            311               0              2              0
   PRIMARY METAL                            5085          10347            3879           1987         167732
   SECONDARY METALS                         1477            540              73              3            631
   MINERAL PRODUCTS                         6580           1040              13             44              3
   PETROLEUM INDUSTRY                       1357          22645            7394           9050            359
   WOOD PRODUCTS                              10              0               0              0              0
   ORGANIC SOLVENT EVAPORATION               328              0               2           1565              0
   PETROLEUM STORAGE/TRANSPORT                14              0              13           7874              1
   METAL FABRICATION                           1              0              23              0              0
   OTHER/NOT CLASSIFIED                      357             28              24              2              2
   TOTAL (INDUSTRIAL)                      16475          39323           11446          20560         168728

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION                  883             13              28           2489           7464
       OPEN BURNING                          875             33             224           1179           3739
       TOTAL (RESIDENTIAL)                  1758             46             252           3668          11203

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               POINT SOURCES                 366            607             120            129            408
       TOTAL (COMM-INST)
               POINT SOURCES                 366            607             120            129            408

   INDUSTRIAL

       ON SITE INCINERATION
               POINT SOURCES                   2              3               4              4             13
```

```
*** 008 ***                                                                                          *** 008 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ***********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        ************************************

STATE/AQCR EMISSIONS REPORT                                                RUN DATE:  TUESDAY   JANUARY 26, 1982
******************************                                 AREA EMISSIONS AS OF:  TUESDAY      JULY [illegible], 1981
STATE:14 ILLINOIS      AQCR:074 SOUTHEAST ILLINOIS            POINT EMISSIONS AS OF: THURSDAY       MAY [illegible], 1981

                             PARTICULATES          SOX           NOX           HC            CO
                             *************   *************  *************  *************  *************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
****************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                30           106             2             30            123
         DISTILLATE OIL                 10           117            76              1             19
         NATURAL GAS                   121             6           965             97            242
         TOTAL (RESIDENTIAL)           161           229          1043            128            384

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             10583        159752         34371            492           1625
         DISTILLATE OIL                  4           107            83              1             17
         TOTAL (ELEC GEN)            10587        159859         34454            493           1642

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               176          1021           271              6             17
            POINT SOURCES              192           200            42              2              5
         RESIDUAL OIL
            POINT SOURCES               13           394           109              0              2
         DISTILLATE OIL
            POINT SOURCES                2             1            15              0              2
         NATURAL GAS
            AREA SOURCES                18             0           545             92             58
            POINT SOURCES                1             0            64              0              3
         TOTAL (INDUSTRIAL)
            AREA SOURCES               194          1021           816             98             75
            POINT SOURCES              208           595           230              2             12

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                30            75            31              0              2
         BITUMINOUS COAL
            POINT SOURCES              622          2670           411             25             51
         LIGNITE
            POINT SOURCES              105           243            10             25            112
         RESIDUAL OIL
            AREA SOURCES                32           488           122              0              8
            POINT SOURCES                4            28            27              0              0
         DISTILLATE OIL
            AREA SOURCES                 0            49            34              0              5
         NATURAL GAS
            AREA SOURCES                28             0           328             21             58
```

```
*** 009 ***                                                                                                   *** 009 ***
        OPEN BURNING
                AREA SOURCES                   3                 0                 1                 7                17
        TOTAL (COMM-INST)
                AREA SOURCES                 124                38                58                77               183
                POINT SOURCES                  2                 3                12                 1                 1

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  96                19                19                87               130
                POINT SOURCES                216                63                48               109               698
        OPEN BURNING
                AREA SOURCES                  51                 2                18                90               314
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 147                21                37               177               444
                POINT SOURCES                216                63                48               109               698

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                1820               105               376              3096              9394
                POINT SOURCES                241                90                80               110               699

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            13023               404              9368             14781            142311
            LIGHT DUTY TRUCKS               2411               106              2302              3479             29148
            HEAVY DUTY VEHICLES              570                41              1280              2035             27776
            OFF HIGHWAY                       34                18               335              1207             12946
            TOTAL (GASOLINE)               16038               569             13285             21502            212181

        DIESEL

            HEAVY DUTY VEHICLES             2487               966              9651              1516              4276
            OFF HIGHWAY                      178               149              1808               265               535
            RAIL                             213               484              3144               799              1104
            TOTAL (DIESEL)                  2878              1599             14603              2580              5915

    AIRCRAFT

        CIVIL                                  1                 0                 1                17               803
        TOTAL (AIRCRAFT)                       1                 0                 1                17               803

    VESSELS

        DIESEL FUEL                           26                33               244                64                86
        RESIDUAL OIL                          13               164                27                 2                 1
        GASOLINE                               0                 5                16               647              2030
        TOTAL (VESSELS)                       39               202               287               713              2117

    TOTAL (TRANSPORTATION)                 18956              2370             28176             24812            221016

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                         181                 0                22               136               737
    GASOLINE STA EVAP LOSS                     0                 0                 0              3023                 0
    SOLVENT EVAPORATION LOSS                   0                 0                 0             13183                 0
    UNPAVED ROADS                           5855                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                   6036                 0                22             16342               737

GRAND TOTAL
***********
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

                                                                            RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                    AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
******************************                                POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE:15 INDIANA        AQCR:079 METROPOLITAN CINCINNATI

                             PARTICULATES        SOX            NOX            HC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              0              1              0              0              2
         DISTILLATE OIL               4             40             25              1              7
         NATURAL GAS                  5              0             43              4             11
         WOOD                        11              0              0              2             81
         TOTAL (RESIDENTIAL)         20             41             68              7            101

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            311          59412          38078            315           1050
         DISTILLATE OIL               0             17             12              0              2
         TOTAL (ELEC GEN)           311          59429          38090            315           1052

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             31            197             42              1              3
            POINT SOURCES            53            790            873              8             31
         RESIDUAL OIL
            AREA SOURCES              0              2              1              0              0
         DISTILLATE OIL
            AREA SOURCES              0              1              1              0              0
            POINT SOURCES             1             10              7              0              1
         NATURAL GAS
            AREA SOURCES              1              0             10              0              1
            POINT SOURCES             2              0             76              0              3
         TOTAL (INDUSTRIAL)
            AREA SOURCES             32            200             54              1              4
            POINT SOURCES            56            800            956              8             35

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              0              1              0              0              0
         RESIDUAL OIL
            AREA SOURCES              3             45             12              0              1
         DISTILLATE OIL
            AREA SOURCES              0              6              5              0              1
         NATURAL GAS
            AREA SOURCES              1              0             17              1              3
         TOTAL (COMM-INST)
            AREA SOURCES              4             52             34              1              5
```

TRANSPORTATION (AREA)
****

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	10268	401	9426	13028	117888
LIGHT DUTY TRUCKS	2570	145	3274	4260	33348
HEAVY DUTY VEHICLES	678	59	1959	2491	34187
OFF HIGHWAY	57	30	561	2021	21677
TOTAL (GASOLINE)	13573	635	15220	21800	207100
DIESEL					
HEAVY DUTY VEHICLES	2323	1023	10023	1357	3846
OFF HIGHWAY	260	217	2622	386	775
RAIL	194	442	2859	726	1005
TOTAL (DIESEL)	2777	1682	15504	2469	5626
AIRCRAFT					
MILITARY	2	0	1	3	5
CIVIL	0	0	2	30	1397
COMMERCIAL	6	12	113	126	282
TOTAL (AIRCRAFT)	8	12	116	159	1684
VESSELS					
DIESEL FUEL	0	0	1	0	0
GASOLINE	0	19	73	2908	9136
TOTAL (VESSELS)	0	19	74	2908	9136
TOTAL (TRANSPORTATION)	16358	2348	30914	27336	223546

MISCELLANEOUS (AREA)
****

STRUCTURAL FIRES	160	0	19	119	652
GASOLINE STA EVAP LOSS	0	0	0	3039	0
SOLVENT EVAPORATION LOSS	0	0	0	42007	0
UNPAVED ROADS	8442	0	0	0	0
TOTAL (MISCELLANEOUS)	8602	0	19	45165	652

GRAND TOTAL
****

AREA SOURCES	29478	20682	38713	75492	233482
POINT SOURCES	4402	75927	42529	34306	8131
TOTAL	33880	96609	81242	109798	241613

```
          DIESEL

              HEAVY DUTY VEHICLES            68          40         392          37         104
              OFF HIGHWAY                    26          22         266          39          79
              RAIL                           22          49         320          81         112
              TOTAL (DIESEL)                116         111         978         157         295

     AIRCRAFT

          CIVIL                               0           0           0           4         169
          TOTAL (AIRCRAFT)                    0           0           0           4         169

     VESSELS

          GASOLINE                            0           1           4         168         529
          TOTAL (VESSELS)                     0           1           4         168         529

     TOTAL (TRANSPORTATION)                 806         174        2536        2249       16999

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                         5           0           1           7          39
     STRUCTURAL FIRES                        25           0           3          19         101
     GASOLINE STA EVAP LOSS                   0           0           0         547           0
     SOLVENT EVAPORATION LOSS                 0           0           0        1903           0
     UNPAVED ROADS                        29291           0           0           0           0
     TOTAL (MISCELLANEOUS)                29321           0           4        2476         140

GRAND TOTAL
***********

     AREA SOURCES                         30566         836        3193        5368       18845

     POINT SOURCES                         1604        4810        3292         160       10422

     TOTAL                                32170        5646        6485        5528       29267
```

```
*** 014 ***                                                                                          *** 014 ***
             AREA SOURCES              4           93           73            2           19
         NATURAL GAS
             AREA SOURCES             32            1          343           23           58
             POINT SOURCES             1            0           58            0            2
         LIQUID PETROL GAS
             POINT SOURCES             0            0            1            0            0
         TOTAL (COMM-INST)
             AREA SOURCES            156          576          529           27           89
             POINT SOURCES             1            0           59            0            2

      TOTAL (EXTERNAL COMB)
             AREA SOURCES            550         2806         2783          537          740
             POINT SOURCES           964         2952         2710           44          170

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                4           42           60            5           13
         NATURAL GAS                   1            0           37            3           10
         OTHER                         1            1           11            1            2
         TOTAL (ELEC GEN)              6           43          108            9           25

      INDUSTRIAL FUEL

         DISTILLATE OIL                2            1           23            2            5
         NATURAL GAS                   0            0           78           32           10
         TOTAL (INDUSTRIAL)            2            1          101           34           15

      TOTAL (INTERNAL COMB)            8           44          209           43           40

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES            550         2806         2783          537          740
             POINT SOURCES           972         2996         2919           87          210

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             49            2          635         1036         1745
   FOOD/AGRICULTURAL               15966            0            0            0            1
   SECONDARY METALS                  162            0            4            0         5169
   MINERAL PRODUCTS                13952         7406         1564            4            1
   ORGANIC SOLVENT EVAPORATION         0            0            0          103            0
   METAL FABRICATION                   1            0            0            0            0
   OTHER/NOT CLASSIFIED                8            0            0            0            0
   TOTAL (INDUSTRIAL)              30138         7408         2203         1143         6916

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION           302            2           10          853         2556
      OPEN BURNING                   571           23          146          769         2439
      TOTAL (RESIDENTIAL)            873           25          156         1622         4995

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
             AREA SOURCES            109           34           52           66          148
             POINT SOURCES             5            6           38            0            0
      TOTAL (COMM-INST)
             AREA SOURCES            109           34           52           66          148
             POINT SOURCES             5            6           38            0            0
```

```
          TOTAL (EXTERNAL COMB)
                AREA SOURCES              464           2164          14937           4764           2057
                POINT SOURCES            1332           9858          37123            564           1956

      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

              DISTILLATE OIL                0              0              3              0              1
              NATURAL GAS                   0              0            234             96             29
              TOTAL (ELEC GEN)              0              0            237             96             30

          INDUSTRIAL FUEL

              NATURAL GAS                   0              1           6755           2781            855
              TOTAL (INDUSTRIAL)            0              1           6755           2781            855

          TOTAL (INTERNAL COMB)             0              1           6992           2877            885

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES              464           2164          14937           4764           2057
                POINT SOURCES            1332           9859          44115           3441           2841

  INDUSTRIAL PROCESS (POINT)
  **************************

      CHEMICAL MANUFACTURING              145            800           1700             15              0
      FOOD/AGRICULTURAL                  9410              0              0              0              0
      SECONDARY METALS                      6              0              8              0              0
      MINERAL PRODUCTS                    346              0              0              0              0
      ORGANIC SOLVENT EVAPORATION           0              0              0            152              0
      METAL FABRICATION                    52              0              0              0              0
      OTHER/NOT CLASSIFIED                  8              0              0              0              0
      TOTAL (INDUSTRIAL)                 9967            800           1708            167              0

  SOLID WASTE DISPOSAL
  ********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION             59              1              2            165            494
          OPEN BURNING                    681             26            174            919           2911
          TOTAL (RESIDENTIAL)             740             27            176           1084           3405

      COMMERCIAL-INSTITUTIONAL

          OPEN BURNING
                AREA SOURCES                9              0              1             17             37
          TOTAL (COMM-INST)
                AREA SOURCES                9              0              1             17             37

      INDUSTRIAL

          ON SITE INCINERATION
                AREA SOURCES               13              3              3             11             17
          OPEN BURNING
                AREA SOURCES                7              0              1             10             40
          TOTAL (INDUSTRIAL)
                AREA SOURCES               20              3              4             21             57

      TOTAL (SOLID WASTE DISP)
                AREA SOURCES              769             30            181           1122           3499

  TRANSPORTATION (AREA)
  *********************
```

```
*** 017 ***                                                                                    *** 017 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                       **********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                       ***********************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                    AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
******************************                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:17 KANSAS          AQCR:099 SOUTH CENTRAL KANSAS

                              PARTICULATES        SOX              NOX              HC               CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL            4              37               24                0                8
            NATURAL GAS             137               8             1096              114              274
            TOTAL (RESIDENTIAL)     141              45             1120              114              282

        ELEC GENERATION (POINT)

            RESIDUAL OIL            545            6428             2431               22              115
            NATURAL GAS             278             139            20015               27              486
            TOTAL (ELEC GEN)        823            6567            22446               49              601

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        203            1846              487               21               30
            RESIDUAL OIL
                AREA SOURCES        107            1478              373                6               31
                POINT SOURCES        50             500               13                1               17
            DISTILLATE OIL
                AREA SOURCES         24             229              280               22               39
                POINT SOURCES        15             213               63                3               10
            NATURAL GAS
                AREA SOURCES        458              27            48039            17249             6313
                POINT SOURCES         5               0             1267                2                9
            PROCESS GAS
                POINT SOURCES         0               4                0                0                0
            LIQUID PETROL GAS
                POINT SOURCES         0               0                1                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES        792            3580            49179            17298             6413
                POINT SOURCES        70             717             1344                6               36

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         16              70               14                1                2
            RESIDUAL OIL
                AREA SOURCES          5              71               18                1                1
            DISTILLATE OIL
                AREA SOURCES         10             151              118                9               26
            NATURAL GAS
                AREA SOURCES         84               5             1001               58              166
                POINT SOURCES         0               0                6                0                0
            TOTAL (COMM-INST)
```

```
A10...STATE:15 INDIANA         AQCR:067   A13...STATE:16 IOWA          AQCR:065   A16...STATE:16 IOWA             AQCR:093
B10...STATE:15 INDIANA         AQCR:067   B13...STATE:16 IOWA          AQCR:065   B16...STATE:16 IOWA             AQCR:093
C10...STATE:15 INDIANA         AQCR:076   C13...STATE:16 IOWA          AQCR:065   C16...STATE:16 IOWA             AQCR:093
D10...STATE:15 INDIANA         AQCR:076   D13...STATE:16 IOWA          AQCR:065   D16...STATE:16 IOWA             AQCR:093
E10...STATE:15 INDIANA         AQCR:076   E13...STATE:16 IOWA          AQCR:068   E16...STATE 17:KANSAS
F10...STATE:15 INDIANA         AQCR:076   F13...STATE:16 IOWA          AQCR:068   F16...STATE 17:KANSAS
G10...STATE:15 INDIANA         AQCR:077   G13...STATE:16 IOWA          AQCR:068   G16...STATE 17:KANSAS
H10...STATE:15 INDIANA         AQCR:077   H13...STATE:16 IOWA          AQCR:068   H16...STATE 17:KANSAS
I10...STATE:15 INDIANA         AQCR:077   I13...STATE:16 IOWA          AQCR:069   I16...STATE 17:KANSAS
J10...STATE:15 INDIANA         AQCR:077   J13...STATE:16 IOWA          AQCR:069   J16...STATE:17 KANSAS           AQCR:094
K10...STATE:15 INDIANA         AQCR:078   K13...STATE:16 IOWA          AQCR:069   K16...STATE:17 KANSAS           AQCR:094
L10...STATE:15 INDIANA         AQCR:078   L13...STATE:16 IOWA          AQCR:069   L16...STATE:17 KANSAS           AQCR:094
M10...STATE:15 INDIANA         AQCR:078   M13...STATE:16 IOWA          AQCR:085   M16...STATE:17 KANSAS           AQCR:094
N10...STATE:15 INDIANA         AQCR:078   N13...STATE:16 IOWA          AQCR:085   N16...STATE:17 KANSAS           AQCR:095
O10...STATE:15 INDIANA         AQCR:079   O13...STATE:16 IOWA          AQCR:085   O16...STATE:17 KANSAS           AQCR:095
A11...STATE:15 INDIANA         AQCR:079   A14...STATE:16 IOWA          AQCR:085   A17...STATE:17 KANSAS           AQCR:095
B11...STATE:15 INDIANA         AQCR:079   B14...STATE:16 IOWA          AQCR:086   B17...STATE:17 KANSAS           AQCR:095
C11...STATE:15 INDIANA         AQCR:079   C14...STATE:16 IOWA          AQCR:086   C17...STATE:17 KANSAS           AQCR:096
D11...STATE:15 INDIANA         AQCR:080   D14...STATE:16 IOWA          AQCR:086   D17...STATE:17 KANSAS           AQCR:096
E11...STATE:15 INDIANA         AQCR:080   E14...STATE:16 IOWA          AQCR:086   E17...STATE:17 KANSAS           AQCR:096
F11...STATE:15 INDIANA         AQCR:080   F14...STATE:16 IOWA          AQCR:087   F17...STATE:17 KANSAS           AQCR:096
G11...STATE:15 INDIANA         AQCR:080   G14...STATE:16 IOWA          AQCR:087   G17...STATE:17 KANSAS           AQCR:097
H11...STATE:15 INDIANA         AQCR:080   H14...STATE:16 IOWA          AQCR:087   H17...STATE:17 KANSAS           AQCR:097
I11...STATE:15 INDIANA         AQCR:081   I14...STATE:16 IOWA          AQCR:087   I17...STATE:17 KANSAS           AQCR:097
J11...STATE:15 INDIANA         AQCR:081   J14...STATE:16 IOWA          AQCR:088   J17...STATE:17 KANSAS           AQCR:097
K11...STATE:15 INDIANA         AQCR:081   K14...STATE:16 IOWA          AQCR:088   K17...STATE:17 KANSAS           AQCR:098
L11...STATE:15 INDIANA         AQCR:081   L14...STATE:16 IOWA          AQCR:088   L17...STATE:17 KANSAS           AQCR:098
M11...STATE:15 INDIANA         AQCR:082   M14...STATE:16 IOWA          AQCR:088   M17...STATE:17 KANSAS           AQCR:098
N11...STATE:15 INDIANA         AQCR:082   N14...STATE:16 IOWA          AQCR:089   N17...STATE:17 KANSAS           AQCR:098
O11...STATE:15 INDIANA         AQCR:082   O14...STATE:16 IOWA          AQCR:089   O17...STATE:17 KANSAS           AQCR:099
A12...STATE:15 INDIANA         AQCR:082   A15...STATE:16 IOWA          AQCR:089   A18...STATE:17 KANSAS           AQCR:099
B12...STATE:15 INDIANA         AQCR:083   B15...STATE:16 IOWA          AQCR:089   B18...STATE:17 KANSAS           AQCR:099
C12...STATE:15 INDIANA         AQCR:083   C15...STATE:16 IOWA          AQCR:090   C18...STATE:17 KANSAS           AQCR:099
D12...STATE:15 INDIANA         AQCR:083   D15...STATE:16 IOWA          AQCR:090   D18...STATE:17 KANSAS           AQCR:100
E12...STATE:15 INDIANA         AQCR:083   E15...STATE:16 IOWA          AQCR:090   E18...STATE:17 KANSAS           AQCR:100
F12...STATE:15 INDIANA         AQCR:084   F15...STATE:16 IOWA          AQCR:090   F18...STATE:17 KANSAS           AQCR:100
G12...STATE:15 INDIANA         AQCR:084   G15...STATE:16 IOWA          AQCR:091   G18...STATE:17 KANSAS           AQCR:100
H12...STATE:15 INDIANA         AQCR:084   H15...STATE:16 IOWA          AQCR:091   H18...STATE 18:KENTUCKY
I12...STATE:15 INDIANA         AQCR:084   I15...STATE:16 IOWA          AQCR:091   I18...STATE 18:KENTUCKY
J12...STATE:15 INDIANA         AQCR:084   J15...STATE:16 IOWA          AQCR:091   J18...STATE 18:KENTUCKY
K12...STATE 16:IOWA                       K15...STATE:16 IOWA          AQCR:092   K18...STATE 18:KENTUCKY
L12...STATE 16:IOWA                       L15...STATE:16 IOWA          AQCR:092   L18...STATE 18:KENTUCKY
M12...STATE 16:IOWA                       M15...STATE:16 IOWA          AQCR:092   M18...STATE:18 KENTUCKY         AQCR:072
N12...STATE 16:IOWA                       N15...STATE:16 IOWA          AQCR:092
O12...STATE 16:IOWA                       O15...STATE:16 IOWA          AQCR:092


              FICHE/SEGMT'   3   3 CKPT:   1,  882,  360,   2,  126
```

0004 PB82-106527 1979 NAT'L EMISSIONS REPORT NAT'L EMISSIONS DATA SYSTEM
EPA-450/4-81-029 STATE:18 KENTUCKY AQCR:077

DISTILLATE OIL					
AREA SOURCES	6	98	74	2	17
POINT SOURCES	0	1	0	0	0
NATURAL GAS					
AREA SOURCES	0	0	1	0	0
POINT SOURCES	1	0	6	1	1
WOOD					
POINT SOURCES	3	1	6	1	1
TOTAL (COMM-INST)					
AREA SOURCES	41	188	112	2	20
POINT SOURCES	154	214	37	5	8
TOTAL (EXTERNAL COMB)					
AREA SOURCES	860	2562	3250	1022	3463
POINT SOURCES	11679	557179	172337	1393	4651
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	860	2562	3250	1022	3463
POINT SOURCES	11679	557179	172337	1393	4651
INDUSTRIAL PROCESS (POINT)					
****************************					
CHEMICAL MANUFACTURING	10339	18	3	13811	12172
FOOD/AGRICULTURAL	623	0	0	0	0
PRIMARY METAL	1122	0	0	0	38
SECONDARY METALS	289	2	6	9	0
MINERAL PRODUCTS	18274	2010	1150	42	573
WOOD PRODUCTS	706	276	111	0	6788
ORGANIC SOLVENT EVAPORATION	9	0	1	5566	0
PETROLEUM STORAGE/TRANSPORT	3	0	0	1751	1
METAL FABRICATION	13	2	1	0	0
OTHER/NOT CLASSIFIED	34	5	3	917	0
TOTAL (INDUSTRIAL)	31412	2313	1275	22096	19572
SOLID WASTE DISPOSAL					
*********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	15	0	0	51	160
OPEN BURNING	767	29	196	1036	3283
TOTAL (RESIDENTIAL)	782	29	196	1087	3443
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	12	2	6	8	18
POINT SOURCES	14	3	18	59	699
TOTAL (COMM-INST)					
AREA SOURCES	12	2	6	8	18
POINT SOURCES	14	3	18	59	699
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	26	5	5	21	33
POINT SOURCES	48	67	66	50	594
OPEN BURNING					
AREA SOURCES	8	0	2	12	50
TOTAL (INDUSTRIAL)					
AREA SOURCES	34	5	7	33	83
POINT SOURCES	48	67	66	50	594
TOTAL (SOLID WASTE DISP)					

```
   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             642          25         159         876        2765
              POINT SOURCES             83           3          32         115        1227

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          3701         229        5693        7032       54179
         LIGHT DUTY TRUCKS            1128         101        2315        2452       16543
         HEAVY DUTY VEHICLES           307          40        1317        1204       16517
         OFF HIGHWAY                    48          24         463        1667       17888
         TOTAL (GASOLINE)             5184         394        9788       12355      105127

      DIESEL

         HEAVY DUTY VEHICLES           308         165        1571         172         494
         OFF HIGHWAY                   345         288        3486         511        1032
         RAIL                          114         261        1690         431         592
         TOTAL (DIESEL)                767         714        6747        1114        2118

   AIRCRAFT

      MILITARY                         103          10          62         183         329
      CIVIL                              0           0           0           5         302
      TOTAL (AIRCRAFT)                 103          10          62         188         631

   VESSELS

      DIESEL FUEL                      267         336        2502         658         877
      GASOLINE                           0           3          13         504        1584
      TOTAL (VESSELS)                  267         339        2515        1162        2461

   TOTAL (TRANSPORTATION)             6321        1457       19112       14819      110337

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    104           0          24         147         867
   STRUCTURAL FIRES                     77           0          11          58         315
   GASOLINE STA EVAP LOSS                0           0           0        1632           0
   SOLVENT EVAPORATION LOSS              0           0           0        6640           0
   UNPAVED ROADS                     12489           0           0           0           0
   TOTAL (MISCELLANEOUS)             12670           0          35        8477        1182

GRAND TOTAL
***********

   AREA SOURCES                      20601        2875       21454       24922      119812

   POINT SOURCES                      6128       21438        9353       21087        2346

   TOTAL                             26729       24313       30807       46009      122158
```

```
*** A05 ***                                                                                                             *** A05 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *********************************

STATE/AQCR EMISSIONS REPORT                                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                                 AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:20 MAINE          AQCR:107 ANDROSCOGGIN VALLEY                        POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                   PARTICULATES         SOX               NOX               HC                CO
                                   ************    ************      ************      ************      ************
                                    TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                  5                 16                 0                 0                50
            DISTILLATE OIL                 140               1617              1013                57               281
            NATURAL GAS                      8                  0                53                 3                13
            WOOD                          3095                 62               124               620             22275
            TOTAL (RESIDENTIAL)           3248               1695              1190               680             22619

        ELEC GENERATION (POINT)

            RESIDUAL OIL                    43               2258               713                 7                34
            DISTILLATE OIL                   0                  3                 3                 0                 0
            TOTAL (ELEC GEN)                43               2261               716                 7                34

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 1                  7                 2                 0                 0
            BITUMINOUS COAL
                AREA SOURCES                58                404               107                 2                 6
            RESIDUAL OIL
                POINT SOURCES             2563              37838              6604               123               543
            DISTILLATE OIL
                AREA SOURCES                 1                 16                20                 0                 2
                POINT SOURCES              118                857                63                 3                14
            NATURAL GAS
                AREA SOURCES                 2                  0                46                 0                 4
            COKE
                AREA SOURCES                 1                  4                 1                 0                 0
            WOOD
                POINT SOURCES             3966                677              4508               901               901
            TOTAL (INDUSTRIAL)
                AREA SOURCES                63                431               176                 2                12
                POINT SOURCES             6647              39372             11175              1027              1458

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                POINT SOURCES              218               1626               340                 5                29
            DISTILLATE OIL
                AREA SOURCES                12                184               139                 8                32
                POINT SOURCES                8                 29                 2                 0                 0
            NATURAL GAS
                AREA SOURCES                 3                  0                58                 2                10
```

```
*** A06 ***                                                                                      *** A06 ***
              POINT SOURCES                 1            0            0            1            1
      OPEN BURNING
              AREA SOURCES                 12            0            3           19           70
              POINT SOURCES               808           51          302         1515         4295
      TOTAL (INDUSTRIAL)
              AREA SOURCES                 22            2            5           27           82
              POINT SOURCES               809           51          302         1516         4296

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES               1217           59          267         1964         6067
              POINT SOURCES              1414          102          488         2430         6867

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             5233          255         6336         8093        68764
         LIGHT DUTY TRUCKS               1118           76         1759         2070        15614
         HEAVY DUTY VEHICLES              217           22          793          889        12083
         OFF HIGHWAY                       19           10          196          703         7541
         TOTAL (GASOLINE)                6587          363         9084        11755       104002

      DIESEL

         HEAVY DUTY VEHICLES              509          249         2513          305          847
         OFF HIGHWAY                      127          106         1278          187          378
         RAIL                              39           88          570          145          200
         TOTAL (DIESEL)                   675          443         4361          637         1425

   AIRCRAFT

      MILITARY                            137           13           82          244          439
      CIVIL                                 0            0            1           14          634
      COMMERCIAL                            6           14          129          145          322
      TOTAL (AIRCRAFT)                    143           27          212          403         1395

   VESSELS

      DIESEL FUEL                          54           67          501          131          175
      RESIDUAL OIL                         64          843          139           10            5
      GASOLINE                              0            3           13          523         1644
      TOTAL (VESSELS)                     118          913          653          664         1824

   TOTAL (TRANSPORTATION)                7523         1746        14310        13459       108646

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                         9            0            2           13           77
   AGRICULTURAL BURNING                     1            0            0            1            8
   STRUCTURAL FIRES                        94            0           12           70          381
   GASOLINE STA EVAP LOSS                   0            0            0         1757            0
   SOLVENT EVAPORATION LOSS                 0            0            0        13675            0
   UNPAVED ROADS                        10548            0            0            0            0
   TOTAL (MISCELLANEOUS)                10652            0           14        15516          466

GRAND TOTAL
***********

   AREA SOURCES                         20690         3711        15920        31230       123518

   POINT SOURCES                         8447        39320        10474        26265         9754
```

```
****************************

    PRIMARY METAL                           38          3316             0             0         35624
    SECONDARY METALS                         0             0             0             0           275
    MINERAL PRODUCTS                      1425          5651          1440             0             0
    OTHER/NOT CLASSIFIED                     0          3940             0             0             0
    TOTAL (INDUSTRIAL)                    1463         12907          1440             0         35899

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                       120             4            31           162           515
        TOTAL (RESIDENTIAL)                120             4            31           162           515

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                 1             0             0             2             4
        TOTAL (COMM-INST)
                AREA SOURCES                 1             0             0             2             4

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES                 2             0             1             4            15
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 2             0             1             4            15

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               123             4            32           168           534

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           1749           101          2399          2918         23174
            LIGHT DUTY TRUCKS              442            35           790           847          5973
            HEAVY DUTY VEHICLES             80             9           325           334          4522
            OFF HIGHWAY                     11             6           104           374          4009
            TOTAL (GASOLINE)              2282           151          3618          4473         37678

        DIESEL

            HEAVY DUTY VEHICLES            147            79           758            83           239
            OFF HIGHWAY                     94            79           954           140           282
            RAIL                            13            30           194            49            68
            TOTAL (DIESEL)                 254           188          1906           272           589

    AIRCRAFT

        CIVIL                                0             0             0             4           164
        TOTAL (AIRCRAFT)                     0             0             0             4           164

    VESSELS

        GASOLINE                             0             0             1            56           176
        TOTAL (VESSELS)                      0             0             1            56           176

    TOTAL (TRANSPORTATION)                2536           339          5525          4805         38607

MISCELLANEOUS (AREA)
```

```
                AREA SOURCES              259           859           718            80          1342
                POINT SOURCES             444          5862          1136            41            93

INDUSTRIAL PROCESS (POINT)
***************************

    ORGANIC SOLVENT EVAPORATION             0             0             0          1376             0
    TEXTILE MANUFACTURING                   0             0             0           100             0
    OTHER/NOT CLASSIFIED                    0           326             0             9             0
    TOTAL (INDUSTRIAL)                      0           326             0          1485             0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              202             3             6           569          1708
        OPEN BURNING                      100             4            26           135           428
        TOTAL (RESIDENTIAL)               302             7            32           704          2136

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               26             8            12            15            36
        TOTAL (COMM-INST)
                AREA SOURCES               26             8            12            15            36

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                6             1             1             5             8
        OPEN BURNING
                AREA SOURCES                1             0             0             1             5
        TOTAL (INDUSTRIAL)
                AREA SOURCES                7             1             1             6            13

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              335            16            45           725          2185

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          3098           121          3014          4382         39111
            LIGHT DUTY TRUCKS             502            27           616           854          6791
            HEAVY DUTY VEHICLES           108             9           312           426          5732
            OFF HIGHWAY                     7             4            73           264          2834
            TOTAL (GASOLINE)             3715           161          4015          5926         54468

        DIESEL

            HEAVY DUTY VEHICLES           140            62           628            87           243
            OFF HIGHWAY                    82            69           831           122           246
            RAIL                            3             7            48            12            17
            TOTAL (DIESEL)                225           138          1507           221           506

    AIRCRAFT

        CIVIL                               0             0             0             5           221
        TOTAL (AIRCRAFT)                    0             0             0             5           221

    VESSELS
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                 RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                    AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:22 MASSACHUSETTS   AQCR:121 MERRIMACK VALLEY-SOUTHERN NEW   POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                             PARTICULATES        SOX            NOX             HC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                12             31              4              3            105
         DISTILLATE OIL                170           1959           1224             68            340
         NATURAL GAS                    68              4            547             55            137
         WOOD                           34              1              1              7            243
         TOTAL (RESIDENTIAL)           284           1995           1776            133            825

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                43            304             80              2              5
         RESIDUAL OIL
            POINT SOURCES               41            540            209              3             17
         DISTILLATE OIL
            AREA SOURCES                13            124            150              8             21
            POINT SOURCES                2             59             10              0              2
         NATURAL GAS
            AREA SOURCES                10              1            277             41             30
            POINT SOURCES                0              0              2              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                66            429            507             51             56
            POINT SOURCES               43            599            221              3             19

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                 4             11              5              0              0
         RESIDUAL OIL
            AREA SOURCES                22            181             76              1              6
            POINT SOURCES               22            297            150              2             12
         DISTILLATE OIL
            AREA SOURCES                37            534            408             19             93
         NATURAL GAS
            AREA SOURCES                17              1            200             13             33
            POINT SOURCES                1              0             25              0              2
         TOTAL (COMM-INST)
            AREA SOURCES                80            727            689             33            132
            POINT SOURCES               23            297            175              2             14

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               430           3151           2972            217           1013
            POINT SOURCES               66            896            396              5             33
```

```
*** A11 ***                                                                                      *** A11 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 64            10            10            59            86
        OPEN BURNING
                AREA SOURCES                 18             0             6            29           105
                POINT SOURCES                35             2            14            65           184
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 82            10            16            88           191
                POINT SOURCES                35             2            14            65           184

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               4560           222           859          8331         25363
                POINT SOURCES               219          1372          6772          2150          2270

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           40986          1846         43230         54098        477929
            LIGHT DUTY TRUCKS             10838           725         16617         19282        145270
            HEAVY DUTY VEHICLES            2168           204          7079          8187        113069
            OFF HIGHWAY                     251           130          2466          8881         95250
            TOTAL (GASOLINE)              54243          2905         69392         90448        831518

        DIESEL

            HEAVY DUTY VEHICLES            4404          1994         20139          2685          7496
            OFF HIGHWAY                    1393          1168         14099          2073          4177
            RAIL                            230           521          3379           861          1185
            TOTAL (DIESEL)                 6027          3683         37617          5619         12858

    AIRCRAFT

        MILITARY                             14             1             8            25            46
        CIVIL                                 2             0             4           112          5067
        COMMERCIAL                           16            36           336           376           837
        TOTAL (AIRCRAFT)                     32            37           348           513          5950

    VESSELS

        DIESEL FUEL                           8            11            82            22            29
        RESIDUAL OIL                        302          3968           652            45            22
        GASOLINE                              0            27           103          4268         13411
        TOTAL (VESSELS)                     310          4006           837          4335         13462

    TOTAL (TRANSPORTATION)                60612         10631        108194        100915        863788

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        148             0            36           212          1225
    FOREST MANAGED BURNING                   54             0            11            50           312
    STRUCTURAL FIRES                        253             0            29           190          1034
    GASOLINE STA EVAP LOSS                    0             0             0          8122             0
    SOLVENT EVAPORATION LOSS                  0             0             0        114095             0
    UNPAVED ROADS                        161307             0             0             0             0
    UNPAVED AIRSTRIPS                        32             0             0             0             0
    TOTAL (MISCELLANEOUS)                161794             0            76        122669          2571

GRAND TOTAL
***********
```

```
            POINT SOURCES                      7          0        493          2         20
        WOOD
            POINT SOURCES                      1          0          1          0          0
        TOTAL (COMM-INST)
            AREA SOURCES                      85        578        933         51        186
            POINT SOURCES                     67       1245        745          5         41

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                     980       2440       5804       1158       4643
            POINT SOURCES                   2317      21784       7317        180        540

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        DISTILLATE OIL                        17        117        246         19         55
        NATURAL GAS                            8          0        219         23         61
        OTHER                                  0          0          3          0          1
        TOTAL (ELEC GEN)                      25        117        468         42        117

      INDUSTRIAL FUEL

        NATURAL GAS                            0          0        155         62         21
        TOTAL (INDUSTRIAL)                     0          0        155         62         21

      TOTAL (INTERNAL COMB)                   25        117        623        104        138

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                     980       2440       5804       1158       4643
            POINT SOURCES                   2342      21901       7940        284        678

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                       25020          0          0          1          6
   SECONDARY METALS                           49          0          2          0       1957
   MINERAL PRODUCTS                          988         29         45          3          0
   ORGANIC SOLVENT EVAPORATION                 0          0          0      17138          0
   PETROLEUM STORAGE/TRANSPORT                 0          0          0       2058          0
   TOTAL (INDUSTRIAL)                      26057         29         47      19200       1963

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                   489          5         15       1373       4118
      OPEN BURNING                          1326         49        341       1790       5673
      TOTAL (RESIDENTIAL)                   1815         54        356       3163       9791

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
            AREA SOURCES                       7          0          0         14         28
      TOTAL (COMM-INST)
            AREA SOURCES                       7          0          0         14         28

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                    1822         54        356       3177       9819

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES
```

OFF HIGHWAY	847	709	8556	1259	2532
RAIL	191	440	2853	724	1003
TOTAL (DIESEL)	5114	3032	28589	4163	10015
AIRCRAFT					
MILITARY	1277	120	768	2274	4095
CIVIL	1	0	1	45	2207
COMMERCIAL	11	24	230	257	573
TOTAL (AIRCRAFT)	1289	144	999	2576	6875
VESSELS					
DIESEL FUEL	101	127	947	249	332
RESIDUAL OIL	663	8746	1437	100	48
GASOLINE	0	17	61	2566	8060
TOTAL (VESSELS)	764	8890	2445	2915	8440
TOTAL (TRANSPORTATION)	36311	13675	69575	59625	472341
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	8113	74	1907	11451	66800
FOREST MANAGED BURNING	7657	56	1530	6892	42880
AGRICULTURAL BURNING	273	0	39	325	1802
STRUCTURAL FIRES	346	0	39	258	1398
GASOLINE STA EVAP LOSS	0	0	0	10216	0
SOLVENT EVAPORATION LOSS	0	0	0	43232	0
UNPAVED ROADS	196245	0	0	0	0
TOTAL (MISCELLANEOUS)	212634	130	3515	72374	112880
GRAND TOTAL ***********					
AREA SOURCES	257533	53142	116813	151728	624606
POINT SOURCES	22640	294329	86748	40858	55710
TOTAL	280173	347471	203561	192586	680316

```
*** A16 ***                                                                                   *** A16 ***
SOLID WASTE DISPOSAL
*********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                366          365          438          219         5113
        OTHER INCINERATION                    233          534          221           48            0
        TOTAL (GOVERNMENT)                    599          899          659          267         5113

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 4669           73          145        13132        39394
        OPEN BURNING                         6575          233         1687         8851        28064
        TOTAL (RESIDENTIAL)                 11244          306         1832        21983        67458

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  115           36           54           67          157
                POINT SOURCES                   4            1            2            2            5
        OPEN BURNING
                AREA SOURCES                   11            0            3           21           50
        TOTAL (COMM-INST)
                AREA SOURCES                  126           36           57           88          207
                POINT SOURCES                   4            1            2            2            5

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  223           44           44          202          298
                POINT SOURCES                3939           13           69          680         8036
        OPEN BURNING
                AREA SOURCES                   67            2           21          114          404
                POINT SOURCES                  61            1            8           15          179
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  290           46           65          316          702
                POINT SOURCES                4000           14           77          695         8215

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                11660          388         1954        22387        68367
                POINT SOURCES                4603          914          738          964        13333

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             97385         3744        89839       133099      1176811
            LIGHT DUTY TRUCKS               22696         1425        32053        40037       300451
            HEAVY DUTY VEHICLES              4617          410        13795        17164       233758
            OFF HIGHWAY                       543          289         5382        19382       207877
            TOTAL (GASOLINE)               125241         5868       141069       209682      1918897

        DIESEL

            HEAVY DUTY VEHICLES             14649         6252        60636         8530        24436
            OFF HIGHWAY                      1586         1330        16036         2364         4744
            RAIL                             1736         3943        25571         6494         8989
            TOTAL (DIESEL)                  17971        11525       102243        17388        38169

    AIRCRAFT

        MILITARY                              365           35          221          650         1172
        CIVIL                                   3            2            7          246        11081
```

```
        TOTAL (EXTERNAL COMB)
                AREA SOURCES              299        1681        3808        1171         912
                POINT SOURCES            2099       18374        7400         109         373

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                     1           0         433         178          55
            TOTAL (INDUSTRIAL)              1           0         433         178          55

        TOTAL (INTERNAL COMB)               1           0         433         178          55

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              299        1681        3808        1171         912
                POINT SOURCES            2100       18374        7833         287         428

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                  0        2131           0           0           0
    FOOD/AGRICULTURAL                     122           0           0           0           0
    MINERAL PRODUCTS                      337           0           0           0           0
    PETROLEUM INDUSTRY                   1135       18769        2730       12464       58958
    WOOD PRODUCTS                           6           0           0           0           0
    PETROLEUM STORAGE/TRANSPORT             0           0           0        1344           0
    TOTAL (INDUSTRIAL)                   1600       20900        2730       13808       58958

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              157           2           3         439        1319
        OPEN BURNING                      242           8          61         325        1031
        TOTAL (RESIDENTIAL)               399          10          64         764        2350

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES              42           0           6          66         780
        OPEN BURNING
                AREA SOURCES                2           0           0           2          10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                2           0           0           2          10
                POINT SOURCES              42           0           6          66         780

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              401          10          64         766        2360
                POINT SOURCES              42           0           6          66         780

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          2482          99        2336        4330       40045
            LIGHT DUTY TRUCKS            1135          68        1424        2299       19716
            HEAVY DUTY VEHICLES           142          14         396         597        8826
            OFF HIGHWAY                    28          14         275         994       10658
            TOTAL (GASOLINE)             3787         195        4431        8220       79245

        DIESEL
```

AREA SOURCES	828	36	209	1128	3544
POINT SOURCES	62	70	84	109	1293
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	6152	323	7656	9716	78843
LIGHT DUTY TRUCKS	1804	136	3083	3495	24861
HEAVY DUTY VEHICLES	570	63	2145	2161	29683
OFF HIGHWAY	51	27	506	1819	19523
TOTAL (GASOLINE)	8577	549	13390	17191	152910
DIESEL					
HEAVY DUTY VEHICLES	1083	545	5140	593	1720
OFF HIGHWAY	348	292	3529	519	1046
RAIL	132	298	1932	492	679
TOTAL (DIESEL)	1563	1135	10601	1604	3445
AIRCRAFT					
MILITARY	716	67	430	1274	2294
CIVIL	0	0	0	11	508
COMMERCIAL	2	4	37	41	92
TOTAL (AIRCRAFT)	718	71	467	1326	2894
VESSELS					
DIESEL FUEL	411	514	3836	1008	1343
GASOLINE	0	16	55	2217	6965
TOTAL (VESSELS)	411	530	3891	3225	8308
TOTAL (TRANSPORTATION)	11269	2285	28349	23346	167557
MISCELLANEOUS (AREA)					
*********************					
FOREST WILDFIRES	125	0	29	179	1037
STRUCTURAL FIRES	99	0	9	73	400
GASOLINE STA EVAP LOSS	0	0	0	1850	0
SOLVENT EVAPORATION LOSS	0	0	0	7882	0
UNPAVED ROADS	25564	0	0	0	0
TOTAL (MISCELLANEOUS)	25788	0	38	9984	1437
GRAND TOTAL					
***********					
AREA SOURCES	38745	4883	31846	35480	176001
POINT SOURCES	43153	559562	173696	23598	25516
TOTAL	81898	564445	205542	59078	201517

```
*** B02 ***                                                                                                    *** B02 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:18 KENTUCKY       AQCR:101 APPALACHIAN                              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                 PARTICULATES        SOX               NOX               HC                CO
                                 ************    ************      ************      ************      ************
                                  TONS / YR       TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  481            1065                72               481              2160
         DISTILLATE OIL                     6              81                50                 1                12
         NATURAL GAS                       39               0               326                32                81
         WOOD                              66               0                 1                16               450
         TOTAL (RESIDENTIAL)              592            1146               449               530              2703

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                   50             497               216                 4                12
         TOTAL (ELEC GEN)                  50             497               216                 4                12

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  311            1945               578                15                37
            POINT SOURCES                  25              27                13                 3                13
         LIGNITE
            POINT SOURCES                   0               0                 0                 0                 1
         DISTILLATE OIL
            AREA SOURCES                   20             209               253                11                34
            POINT SOURCES                   0               0                 1                 0                 0
         NATURAL GAS
            AREA SOURCES                   10               0              2795              1107               382
            POINT SOURCES                   1               0                29                 0                 2
         WOOD
            POINT SOURCES                   2               0                 6                48                40
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  341            2154              3626              1133               453
            POINT SOURCES                  28              27                49                51                56

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                   47             115                48                 0                 2
         BITUMINOUS COAL
            POINT SOURCES                  33              58                11                 6                19
         RESIDUAL OIL
            AREA SOURCES                    0               1                 0                 0                 0
         DISTILLATE OIL
            AREA SOURCES                    5              82                64                 0                12
         NATURAL GAS
            POINT SOURCES                   0               0                 1                 0                 0
```

*** B03 *** *** B03 ***

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        *******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        ********************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:19 LOUISIANA        AQCR:022 SHREVEPORT-TEXARKANA-TYLER     POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                  PARTICULATES        SOX             NOX             HC              CO
                                  ************   ************    ************    ************    ************
                                   TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                      0              1               0               0               0
         NATURAL GAS                        78              3             617              62             154
         WOOD                              291              6              11              60            2079
         TOTAL (RESIDENTIAL)               369             10             628             122            2233

      ELEC GENERATION (POINT)

         RESIDUAL OIL                       18            223             210               2              10
         DISTILLATE OIL                      1             17              12               0               2
         NATURAL GAS                        72              8            4438               8             114
         TOTAL (ELEC GEN)                   91            248            4660              10             126

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                   106            901             158               4              10
         RESIDUAL OIL
            POINT SOURCES                    8            110              23               1               2
         DISTILLATE OIL
            POINT SOURCES                   15             59              28               1               4
         NATURAL GAS
            AREA SOURCES                    74              4           18026            7210            2452
            POINT SOURCES                  446            132           29492             238             457
         PROCESS GAS
            POINT SOURCES                   15              3             124               2               0
         WOOD
            POINT SOURCES                 7472           1327            7548            1504            1589
         OTHER
            POINT SOURCES                   17              0               0               1               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   180            905           18184            7214            2462
            POINT SOURCES                 7973           1631           37215            1747            2052

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                   336           6883            1181              17              98
         DISTILLATE OIL
            AREA SOURCES                    18            285             220               9              50
            POINT SOURCES                    3             36              28               1               6
         NATURAL GAS
            AREA SOURCES                    72              3             863              57             145
         TOTAL (COMM-INST)
```

```
          TOTAL (COMM-INST)
             AREA SOURCES                15         184         197          10          42
             POINT SOURCES              226        1655         342           5          29

       TOTAL (EXTERNAL COMB)
             AREA SOURCES              3326        2310        1563         692       22673
             POINT SOURCES             6916       43288       12233        1039        1521

   INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                  0           3          10           1           2
          TOTAL (ELEC GEN)                0           3          10           1           2

       TOTAL (INTERNAL COMB)              0           3          10           1           2

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES              3326        2310        1563         692       22673
             POINT SOURCES             6916       43291       12243        1040        1523

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               126        1703           0        4700           0
   FOOD/AGRICULTURAL                     10           0           0           0           0
   SECONDARY METALS                       6           0           0           0          47
   MINERAL PRODUCTS                    4260          65          29           1           0
   WOOD PRODUCTS                       7434       14370        1138         166       26360
   ORGANIC SOLVENT EVAPORATION            2           0           0         748           0
   PETROLEUM STORAGE/TRANSPORT            0           0           0        2244           0
   TEXTILE MANUFACTURING                  2           0           0          51           0
   OTHER/NOT CLASSIFIED                   0        2396           9           0           0
   TOTAL (INDUSTRIAL)                 11840       18534        1176        7910       26407

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION             5           1           1           5           7
       OPEN BURNING                     725          44         271        1358        3851
       OTHER INCINERATION                70           7          18          70         211
       TOTAL (GOVERNMENT)               800          52         290        1433        4069

   RESIDENTIAL (AREA)

       ON SITE INCINERATION             233           2           7         659        1979
       OPEN BURNING                     739          29         190         998        3165
       TOTAL (RESIDENTIAL)              972          31         197        1657        5144

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                55          17          29          33          79
             POINT SOURCES                5           2           2           4           9
       OPEN BURNING
             POINT SOURCES               42           3          16          79         223
       TOTAL (COMM-INST)
             AREA SOURCES                55          17          29          33          79
             POINT SOURCES               47           5          18          83         232

   INDUSTRIAL

       ON SITE INCINERATION
```

```
*** B06 ***                                                                                    *** B06 ***
    TOTAL                          29137        43031        26394        57495        133272
```

```
*** B07 ***                                                                                   *** B07 ***
*********************

    FOREST WILDFIRES                        3             0             1             4            22
    STRUCTURAL FIRES                        6             0             1             5            25
    GASOLINE STA EVAP LOSS                  0             0             0           203             0
    SOLVENT EVAPORATION LOSS                0             0             0          2838             0
    UNPAVED ROADS                        6055             0             0             0             0
    TOTAL (MISCELLANEOUS)                6064             0             2          3050            47

GRAND TOTAL
***********

    AREA SOURCES                         8835           720          6094          8117         39715

    POINT SOURCES                        1562         13586          1649             7         35920

    TOTAL                               10397         14306          7743          8124         75635
```

```
                                                   NATIONAL EMISSIONS DATA SYSTEM
                                                   ******************************

                                                   ENVIRONMENTAL PROTECTION AGENCY
                                                   *******************************

STATE/AQCR EMISSIONS REPORT                                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:21 MARYLAND        AQCR:116 SOUTHERN MARYLAND                                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                     PARTICULATES          SOX               NOX               HC                CO
                                     ************     ************      ************      ************      ************
                                      TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                 0                 1                 0                 0                 2
            BITUMINOUS COAL                 0                 1                 0                 0                 1
            DISTILLATE OIL                 23               268               167                10                47
            NATURAL GAS                     6                 0                43                 4                11
            WOOD                          255                 5                10                51              1836
            TOTAL (RESIDENTIAL)           284               275               220                65              1897

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              2654             76659             21614               360              1201
            RESIDUAL OIL                    3              4225              1395                13                66
            TOTAL (ELEC GEN)             2657             80884             23009               373              1267

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES               4                57                27                 0                 2
            DISTILLATE OIL
                AREA SOURCES                1                13                17                 1                 2
            NATURAL GAS
                AREA SOURCES                1                 0                61                16                 7
            TOTAL (INDUSTRIAL)
                AREA SOURCES                2                13                78                17                 9
                POINT SOURCES               4                57                27                 0                 2

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                8                19                 4                 0                 0
            RESIDUAL OIL
                POINT SOURCES             500              6634              2073                35               173
            DISTILLATE OIL
                AREA SOURCES                2                36                27                 1                 6
                POINT SOURCES               7               474                72                 3                16
            NATURAL GAS
                AREA SOURCES                2                 0                29                 2                 5
            TOTAL (COMM-INST)
                AREA SOURCES               12                55                60                 3                11
                POINT SOURCES             507              7108              2145                38               189

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              298               343               358                85              1917
                POINT SOURCES            3168             88049             25181               411              1458
```

GASOLINE	0	1	6	225	706
TOTAL (VESSELS)	0	1	6	225	706
TOTAL (TRANSPORTATION)	3940	300	5528	6377	55901
MISCELLANEOUS (AREA)					
*********************					
FOREST WILDFIRES	36	0	8	50	294
STRUCTURAL FIRES	43	0	5	32	173
GASOLINE STA EVAP LOSS	0	0	0	495	0
SOLVENT EVAPORATION LOSS	0	0	0	5154	0
UNPAVED ROADS	182	0	0	0	0
TOTAL (MISCELLANEOUS)	261	0	13	5731	467
GRAND TOTAL					
***********					
AREA SOURCES	4795	1175	6304	12913	59895
POINT SOURCES	444	6188	1136	1526	93
TOTAL	5239	7363	7440	14439	59988

TOTAL (FUEL COMBUSTION)					
AREA SOURCES	430	3151	2972	217	1013
POINT SOURCES	66	896	396	5	33
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	0	0	0	3185	0
ORGANIC SOLVENT EVAPORATION	0	0	0	9021	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	90	0
OTHER/NOT CLASSIFIED	0	0	0	2992	0
TOTAL (INDUSTRIAL)	0	0	0	15288	0
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	497	8	16	1399	4197
OPEN BURNING	105	4	27	142	451
TOTAL (RESIDENTIAL)	602	12	43	1541	4648
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	63	20	30	37	87
TOTAL (COMM-INST)					
AREA SOURCES	63	20	30	37	87
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	21	4	4	19	28
OPEN BURNING					
AREA SOURCES	1	0	0	1	5
TOTAL (INDUSTRIAL)					
AREA SOURCES	22	4	4	20	33
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	687	36	77	1598	4768
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	12538	369	9056	15417	148222
LIGHT DUTY TRUCKS	1193	48	1078	1730	14774
HEAVY DUTY VEHICLES	443	30	957	1642	22240
OFF HIGHWAY	25	13	251	905	9703
TOTAL (GASOLINE)	14199	460	11342	19694	194939
DIESEL					
HEAVY DUTY VEHICLES	585	222	2282	377	1052
OFF HIGHWAY	208	174	2103	309	622
RAIL	12	27	176	45	62
TOTAL (DIESEL)	805	423	4561	731	1736
AIRCRAFT					
CIVIL	1	0	1	18	830
TOTAL (AIRCRAFT)	1	0	1	18	830

```
*** B11 ***                                                                                         *** B11 ***
   AREA SOURCES                  228945        13643        129446        237129        901172

   POINT SOURCES                 100285       366254         94319         63093        192739

   TOTAL                         329230       379897        223765        300222       1093911
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                      AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:23 MICHIGAN        AQCR:126 UPPER MICHIGAN                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                 1              2              0              0             13
         DISTILLATE OIL                 90           1022            639             36            177
         NATURAL GAS                   108              2            857             86            217
         WOOD                          861             17             36            177           6156
         TOTAL (RESIDENTIAL)          1060           1043           1532            299           6563

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              3624          32537          12634            308            849
         DISTILLATE OIL                  0             17              3              0              0
         NATURAL GAS                     2              0            264              1              8
         TOTAL (ELEC GEN)             3626          32554          12901            309            857

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             2796          11121           2361            186            363
         RESIDUAL OIL
            POINT SOURCES               57            216             53              4              4
         DISTILLATE OIL
            POINT SOURCES               34            168             71              9             14
         NATURAL GAS
            AREA SOURCES                16              0           1853            663            244
            POINT SOURCES               62              5           3720              9             98
         WOOD
            POINT SOURCES              271            126           1269            220            211
         TOTAL (INDUSTRIAL)
            AREA SOURCES                16              0           1853            663            244
            POINT SOURCES             3220          11636           7474            428            690

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                92            223             94              0              8
         BITUMINOUS COAL
            POINT SOURCES                2             10              1              8             36
         RESIDUAL OIL
            AREA SOURCES                29            228            112              0              4
            POINT SOURCES               10            117             18              1              3
         DISTILLATE OIL
            AREA SOURCES                16            261            200              4             46
         NATURAL GAS
      GASOLINE

         LIGHT DUTY VEHICLES               9151          440          11132          15332         129241
         LIGHT DUTY TRUCKS                 2683          183           4270           5245          39430
         HEAVY DUTY VEHICLES                771           80           2884           3102          42295
         OFF HIGHWAY                        170           89           1668           6002          64376
         TOTAL (GASOLINE)                 12775          792          19954          29681         275342

      DIESEL

         HEAVY DUTY VEHICLES               1701          851           8700           1037           2852
         OFF HIGHWAY                        600          504           6062            890           1794
         RAIL                               152          343           2211            559            777
         TOTAL (DIESEL)                    2453         1698          16973           2486           5423

   AIRCRAFT

      MILITARY                               31            3             19             56            100
      CIVIL                                   0            0              1             51           2197
      COMMERCIAL                              4            8             75             84            188
      TOTAL (AIRCRAFT)                       35           11             95            191           2485

   VESSELS

      GASOLINE                                0            3             20            816           2562
      TOTAL (VESSELS)                         0            3             20            816           2562

   TOTAL (TRANSPORTATION)                 15263         2504          37042          33174         285812

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                         174            0             22            129            698
   GASOLINE STA EVAP LOSS                     0            0              0           3165              0
   SOLVENT EVAPORATION LOSS                   0            0              0          19524              0
   UNPAVED ROADS                         189989            0              0              0              0
   TOTAL (MISCELLANEOUS)                 190163            0             22          22818            698

GRAND TOTAL
***********

   AREA SOURCES                          208228         4998          43224          60327         300972

   POINT SOURCES                          28399        21930           7987          19484           2641

   TOTAL                                 236627        26928          51211          79811         303613
```

```
*** B14 ***                                                                                                  *** B14 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   TUESDAY     JANUARY 26, 1982
****************************                                          AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:24 MINNESOTA       AQCR:132 NORTHWEST MINNESOTA                POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981

                              PARTICULATES        SOX               NOX              HC               CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                177            2037             1269               70              352
         NATURAL GAS                    41               0              338               31               86
         WOOD                         1274              25               53              256             9162
         TOTAL (RESIDENTIAL)          1492            2062             1660              357             9600

      ELEC GENERATION (POINT)

         LIGNITE                       533            7881             4530              109              346
         RESIDUAL OIL                    0               1                0                0                0
         NATURAL GAS                     0               0                3                0                0
         OTHER                        1013              20              135               27               27
         TOTAL (ELEC GEN)             1546            7902             4668              136              373

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                26              93               51                0                2
            POINT SOURCES              398             613              286               19               39
         LIGNITE
            POINT SOURCES             2232            2969              964              161              321
         RESIDUAL OIL
            POINT SOURCES               24             332               68                1                6
         DISTILLATE OIL
            AREA SOURCES                 5              79               96                3               13
            POINT SOURCES                0              17                3                0                1
         NATURAL GAS
            AREA SOURCES                16               0             1115              349              137
            POINT SOURCES                2               0              259                0                9
         WOOD
            POINT SOURCES              264              13               87               17               17
         LIQUID PETROL GAS
            POINT SOURCES                1               0                8                0                1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                47             172             1262              352              152
            POINT SOURCES             2921            3944             1675              198              394

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                 4               9                4                0                0
         BITUMINOUS COAL
            POINT SOURCES               23             187               33                2                5
```

COMMERCIAL	183	405	3770	4217	9406
TOTAL (AIRCRAFT)	551	442	3998	5113	21659
VESSELS					
DIESEL FUEL	176	220	1647	439	575
GASOLINE	0	52	217	8800	27659
TOTAL (VESSELS)	176	272	1864	9239	28234
TOTAL (TRANSPORTATION)	143939	18107	249174	241422	2006959
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	2719	14	636	3833	22354
STRUCTURAL FIRES	1335	2	151	1001	5441
GASOLINE STA EVAP LOSS	0	0	0	25966	0
SOLVENT EVAPORATION LOSS	0	0	0	194192	0
UNPAVED ROADS	2356543	0	0	0	0
UNPAVED AIRSTRIPS	250	0	0	0	0
TOTAL (MISCELLANEOUS)	2360847	16	787	224992	27795
GRAND TOTAL ***********					
AREA SOURCES	2531677	59195	283326	495537	2168763
POINT SOURCES	233182	1129727	331293	151272	114711
TOTAL	2764859	1188922	614619	646809	2283474

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:    TUESDAY    JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:    TUESDAY       JULY 21, 1981
STATE:26 MISSOURI       AQCR:138 SOUTHEAST MISSOURI               POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                               PARTICULATES          SOX             NOX             HC              CO
                               ************     ************    ************    ************    ************
                                TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              14               63               0              14              53
            DISTILLATE OIL                4               82              51               1              12
            NATURAL GAS                  94                2             740              73             187
            WOOD                       2239               44              89             451           16092
            TOTAL (RESIDENTIAL)        2351              191             880             539           16344

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            5874           284093           13532             230             759
            RESIDUAL OIL                 13              154             118               1               6
            NATURAL GAS                   5                0             382               1               9
            TOTAL (ELEC GEN)           5892           284247           14032             232             774

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            399             3027             536              15              34
                POINT SOURCES          3190              891             384               6              43
            RESIDUAL OIL
                POINT SOURCES             1                4               6               1               1
            DISTILLATE OIL
                POINT SOURCES             0                1               1               0               0
            NATURAL GAS
                AREA SOURCES              7                0             549             174              68
                POINT SOURCES             7                1             684               1              17
            OTHER
                POINT SOURCES             0                1               0               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            406             3027            1085             189             102
                POINT SOURCES          3198              898            1075               8              61

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             54              203              26               0               4
                POINT SOURCES           240              675             115               7              14
            RESIDUAL OIL
                AREA SOURCES             31              426             107               0               7
            DISTILLATE OIL
                AREA SOURCES              2               51              40               0               8
            NATURAL GAS
                AREA SOURCES             24                0             291              16              50
                POINT SOURCES             1                0              70               0               2
```

HEAVY DUTY VEHICLES	780	337	3481	579	1505
OFF HIGHWAY	194	162	1965	289	580
RAIL	162	368	2398	609	842
TOTAL (DIESEL)	1136	867	7844	1477	2927
AIRCRAFT					
MILITARY	2	0	1	4	7
CIVIL	1	0	1	23	1064
COMMERCIAL	6	14	129	145	323
TOTAL (AIRCRAFT)	9	14	131	172	1394
VESSELS					
GASOLINE	0	0	2	105	332
TOTAL (VESSELS)	0	0	2	105	332
TOTAL (TRANSPORTATION)	4932	1076	12408	9974	83898
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	168	0	39	238	1392
STRUCTURAL FIRES	39	0	3	30	158
GASOLINE STA EVAP LOSS	0	0	0	960	0
SOLVENT EVAPORATION LOSS	0	0	0	2858	0
UNPAVED ROADS	132516	0	0	0	0
UNPAVED AIRSTRIPS	2	0	0	0	0
TOTAL (MISCELLANEOUS)	132725	0	42	4086	1550
GRAND TOTAL ***********					
AREA SOURCES	138357	2767	16322	15997	88720
POINT SOURCES	3742	39274	10569	14161	60166
TOTAL	142099	42041	26891	30158	148886

```
          TOTAL (COMM-INST)
                  AREA SOURCES                52           198           112             0            14
                  POINT SOURCES               33            58            12             6            19

        TOTAL (EXTERNAL COMB)
                  AREA SOURCES               985          3498          4187          1663          3170
                  POINT SOURCES              111           582           277            61            87

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES               985          3498          4187          1663          3170
                  POINT SOURCES              111           582           277            61            87

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  1796             0             0          2426          1424
    FOOD/AGRICULTURAL                         75             0             0             0             0
    SECONDARY METALS                          11             0             0             0            84
    MINERAL PRODUCTS                       64572           804           602           138            41
    WOOD PRODUCTS                            141             0            18             4             4
    ORGANIC SOLVENT EVAPORATION                1             0             0          1719             0
    PETROLEUM STORAGE/TRANSPORT                0             0             0          1164             0
    TEXTILE MANUFACTURING                     16             0             6             6             0
    OTHER/NOT CLASSIFIED                      10             0             0            49           158
    TOTAL (INDUSTRIAL)                     66622           804           626          5506          1711

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  21             0             0            64           201
        OPEN BURNING                         924            35           233          1244          3947
        TOTAL (RESIDENTIAL)                  945            35           233          1308          4148

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES                11             1             6             7            22
                  POINT SOURCES                2             1             1             0             1
        TOTAL (COMM-INST)
                  AREA SOURCES                11             1             6             7            22
                  POINT SOURCES                2             1             1             0             1

    INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES                12             1             1            11            18
                  POINT SOURCES               67             4            34           268          3175
        OPEN BURNING
                  AREA SOURCES                 3             0             0             3            15
        TOTAL (INDUSTRIAL)
                  AREA SOURCES                15             1             1            14            33
                  POINT SOURCES               67             4            34           268          3175

    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES               971            37           240          1329          4203
                  POINT SOURCES               69             5            35           268          3176

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE
```

```
*** C03 ***                                                                                                                *** C03 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:   TUESDAY    JANUARY 26, 1982
*****************************                                                      AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:18 KENTUCKY        AQCR:105 SOUTH CENTRAL KENTUCKY                          POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                   PARTICULATES          SOX                NOX                HC                 CO
                                   ************       ************      ************      ************       ************
                                    TONS / YR          TONS / YR         TONS / YR         TONS / YR          TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 130                356                18               130                584
            DISTILLATE OIL                    6                 82                52                 1                 12
            NATURAL GAS                      31                  1               238                23                 60
            WOOD                           2323                 46                95               465              16722
            TOTAL (RESIDENTIAL)            2490                485               403               619              17378

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               17574              33619              7407               123                412
            NATURAL GAS                       1                  0                 3                 0                  0
            TOTAL (ELEC GEN)              17575              33619              7410               123                412

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                559               3626               995                30                 63
            RESIDUAL OIL
                POINT SOURCES                32                364               202                 5                 14
            DISTILLATE OIL
                AREA SOURCES                 39                378               460                23                 64
                POINT SOURCES                 1                 38                14                 0                  1
            NATURAL GAS
                AREA SOURCES                 16                  0              3609              1427                493
                POINT SOURCES                 6                  0               107                 3                 63
            WOOD
                POINT SOURCES               138                  7                77                17                 17
            TOTAL (INDUSTRIAL)
                AREA SOURCES                614               4004              5064              1480                620
                POINT SOURCES               177                409               400                25                 95

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 27                 68                29                 0                  2
            BITUMINOUS COAL
                POINT SOURCES                 3                 20                 1                 1                  2
            RESIDUAL OIL
                AREA SOURCES                  0                  2                 0                 0                  0
                POINT SOURCES                 0                  6                 4                 0                  0
            DISTILLATE OIL
                AREA SOURCES                  4                 73                57                 1                 10
                POINT SOURCES                 1                  3                 2                 0                  1
```

AREA SOURCES	426	7171	2264	83	293
POINT SOURCES	3	36	28	1	6
TOTAL (EXTERNAL COMB)					
AREA SOURCES	975	8086	21076	7419	4988
POINT SOURCES	8067	1915	41903	1758	2184
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	6	2	185	1	4
NATURAL GAS	31	12	2471	58	57
TOTAL (ELEC GEN)	37	14	2656	59	61
INDUSTRIAL FUEL					
NATURAL GAS	47	8	13665	8094	3006
TOTAL (INDUSTRIAL)	47	8	13665	8094	3006
TOTAL (INTERNAL COMB)	84	22	16321	8153	3067
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	975	8086	21076	7419	4988
POINT SOURCES	8151	1937	58224	9911	5251
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	136	2145	0	48	0
SECONDARY METALS	558	2	1316	5	3
MINERAL PRODUCTS	3750	489	1398	117	158
PETROLEUM INDUSTRY	43	1607	961	4691	20
WOOD PRODUCTS	39645	1372	684	293	11890
ORGANIC SOLVENT EVAPORATION	0	0	0	31276	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1642	0
OTHER/NOT CLASSIFIED	33	21	47	174	23
TOTAL (INDUSTRIAL)	44165	5636	4406	38246	12094
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	160	1	3	451	1349
OPEN BURNING	925	36	236	1249	3956
TOTAL (RESIDENTIAL)	1085	37	239	1700	5305
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
POINT SOURCES	30	1	10	172	1
TOTAL (COMM-INST)					
POINT SOURCES	30	1	10	172	1
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	515	42	131	334	3289
OPEN BURNING					
POINT SOURCES	165	10	62	310	878
TOTAL (INDUSTRIAL)					
POINT SOURCES	680	52	193	644	4167
TOTAL (SOLID WASTE DISP)					

```
                    AREA SOURCES           11          2          2         10          13
                   POINT SOURCES            7          1          1          6          10
        OPEN BURNING
                    AREA SOURCES           10          0          2         16          60
                   POINT SOURCES          803         50        300       1503        4284
        TOTAL (INDUSTRIAL)
                    AREA SOURCES           21          2          4         26          73
                   POINT SOURCES          810         51        301       1509        4294

    TOTAL (SOLID WASTE DISP)
                    AREA SOURCES         1048         50        230       1716        5296
                   POINT SOURCES         1657        108        609       3025        8595

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          4738        270       6746       8030       65085
            LIGHT DUTY TRUCKS            1388        113       2647       2855       20350
            HEAVY DUTY VEHICLES           315         36       1317       1295       17802
            OFF HIGHWAY                    32         17        309       1106       11856
            TOTAL (GASOLINE)             6473        436      11019      13286      115093

        DIESEL

            HEAVY DUTY VEHICLES           556        298       2998        331         920
            OFF HIGHWAY                   177        148       1788        264         530
            RAIL                           43         95        621        157         217
            TOTAL (DIESEL)                776        541       5407        752        1667

    AIRCRAFT

        CIVIL                               0          0          0         27        1227
        TOTAL (AIRCRAFT)                    0          0          0         27        1227

    VESSELS

        DIESEL FUEL                         2          3         20          5           7
        RESIDUAL OIL                        1         10          2          0           0
        GASOLINE                            0          8         30       1254        3939
        TOTAL (VESSELS)                     3         21         52       1259        3946

    TOTAL (TRANSPORTATION)               7252        998      16478      15324      121933

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       34          0          8         46         279
    AGRICULTURAL BURNING                    2          0          0          2          12
    STRUCTURAL FIRES                      104          0         12         78         426
    GASOLINE STA EVAP LOSS                  0          0          0       1692           0
    SOLVENT EVAPORATION LOSS                0          0          0      11789           0
    UNPAVED ROADS                       22053          0          0          0           0
    UNPAVED AIRSTRIPS                      35          0          0          0           0
    TOTAL (MISCELLANEOUS)               22228          0         20      13607         717

GRAND TOTAL
***********

    AREA SOURCES                        33854       3358      18291      31339      150619

    POINT SOURCES                       20413      61933      14028      11975       36525
```

*** C07 ***

```
*** C08 ***                                                                                              *** C08 ***
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  35             290             468              38             106
            TOTAL (ELEC GEN)                35             290             468              38             106

        TOTAL (INTERNAL COMB)               35             290             468              38             106

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               298             343             358              85            1917
                POINT SOURCES             3203           88339           25649             449            1564

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                        34               0               0               0               0
    ORGANIC SOLVENT EVAPORATION              0               0               0            5581               0
    PETROLEUM STORAGE/TRANSPORT              0               0               0            2295               0
    TOTAL (INDUSTRIAL)                      34               0               0            7876               0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                        44               3              17              83             236
        TOTAL (GOVERNMENT)                  44               3              17              83             236

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 2               0               0               6              19
        OPEN BURNING                       460              17             118             621            1968
        TOTAL (RESIDENTIAL)                462              17             118             627            1987

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 0               0               0               0               1
        OPEN BURNING
                AREA SOURCES                 4               0               1               7              17
        TOTAL (COMM-INST)
                AREA SOURCES                 4               0               1               7              18

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 1               0               0               1               1
        OPEN BURNING
                AREA SOURCES                 2               0               0               2              10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 3               0               0               3              11

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               469              17             119             637            2016
                POINT SOURCES               44               3              17              83             236

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           1914             166            3920            3896           27719
```

```
   VESSELS

       GASOLINE                            0          4          14         575        1805
       TOTAL (VESSELS)                     0          4          14         575        1805

    TOTAL (TRANSPORTATION)             15005        887       15918       21018      199310

MISCELLANEOUS (AREA)
*********************

    FOREST WILDFIRES                     141          1          33         199        1159
    STRUCTURAL FIRES                     140          0          17         105         570
    GASOLINE STA EVAP LOSS                 0          0           0        8162           0
    SOLVENT EVAPORATION LOSS               0          0           0       23510           0
    UNPAVED ROADS                        364          0           0           0           0
    TOTAL (MISCELLANEOUS)                645          1          50       31976        1729

GRAND TOTAL
***********

    AREA SOURCES                       16767       4075       19017       54809      206820

    POINT SOURCES                         66        896         396       15293          33

    TOTAL                              16833       4971       19413       70102      206853
```

```
                AREA SOURCES              52            0          651           41          111
                POINT SOURCES              0            0           47            0            1
            TOTAL (COMM-INST)
                AREA SOURCES             189          712         1057           45          169
                POINT SOURCES             12          127           66            9           40

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            1265         1755         4442         1007         6976
                POINT SOURCES           6858        44317        20441          746         1587

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                24           93          314            0            0
            NATURAL GAS                   42           19         1232           27           75
            TOTAL (ELEC GEN)              66          112         1546           27           75

        TOTAL (INTERNAL COMB)             66          112         1546           27           75

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            1265         1755         4442         1007         6976
                POINT SOURCES           6924        44429        21987          773         1662

INDUSTRIAL PROCESS (POINT)
**************************

    PRIMARY METAL                      34448        77136            0            0            0
    SECONDARY METALS                     117            0            5            0          898
    MINERAL PRODUCTS                   29910        28772         5551            0            0
    PETROLEUM INDUSTRY                     0          854            0           40            0
    WOOD PRODUCTS                        347          946          220          415         4510
    ORGANIC SOLVENT EVAPORATION            2            0            0         2002            0
    PETROLEUM STORAGE/TRANSPORT            0            0            0           66            0
    OTHER/NOT CLASSIFIED                   0          566            0            0            0
    TOTAL (INDUSTRIAL)                 64824       108274         5776         2523         5408

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             314            1            5          873         2604
        OPEN BURNING                     454           15          125          626         1976
        TOTAL (RESIDENTIAL)              768           16          130         1499         4580

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              48           12           25           31           83
                POINT SOURCES             76           16           13          135          648
        TOTAL (COMM-INST)
                AREA SOURCES              48           12           25           31           83
                POINT SOURCES             76           16           13          135          648

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              21            0            0           21           25
        OPEN BURNING
                AREA SOURCES               1            0            0            1            5
                POINT SOURCES             36            2           13           67          191
        TOTAL (INDUSTRIAL)
                AREA SOURCES              22            0            0           22           30
                POINT SOURCES             36            2           13           67          191
```

```
          LIGNITE
              POINT SOURCES               272           382           115            11            24
          RESIDUAL OIL
              POINT SOURCES                 7           140            26             0             2
          DISTILLATE OIL
              AREA SOURCES                 25           386           294            11            66
          NATURAL GAS
              AREA SOURCES                 13             0           197            10            34
              POINT SOURCES                 1             0            10             0             1
          TOTAL (COMM-INST)
              AREA SOURCES                 42           395           495            21           100
              POINT SOURCES               303           709           184            13            32

      TOTAL (EXTERNAL COMB)
              AREA SOURCES               1581          2629          3417           730          9852
              POINT SOURCES              4770         12555          6527           347           799

    INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

          DISTILLATE OIL                   44            40           606            49           132
          TOTAL (INDUSTRIAL)               44            40           606            49           132

      TOTAL (INTERNAL COMB)                44            40           606            49           132

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES               1581          2629          3417           730          9852
              POINT SOURCES              4814         12595          7133           396           931

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                   10577             0             0             0             0
    MINERAL PRODUCTS                     3875             0             0             0             0
    ORGANIC SOLVENT EVAPORATION             0             0             0           129             0
    PETROLEUM STORAGE/TRANSPORT             0             0             0          1121             0
    TOTAL (INDUSTRIAL)                  14452             0             0          1250             0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              324             1             8           916          2748
        OPEN BURNING                     1332            49           341          1796          5699
        TOTAL (RESIDENTIAL)              1656            50           349          2712          8447

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                 74            23            35            43           101
              POINT SOURCES                 1             0             0             1             1
        OPEN BURNING
              AREA SOURCES                  8             0             0            16            32
        TOTAL (COMM-INST)
              AREA SOURCES                 82            23            35            59           133
              POINT SOURCES                 1             0             0             1             1

    INDUSTRIAL

        ON SITE INCINERATION
              POINT SOURCES                13             0             2            20           241
        TOTAL (INDUSTRIAL)
              POINT SOURCES                13             0             2            20           241
```

```
*** C15 ***                                                                                              *** C15 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        *******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:25 MISSISSIPPI     AQCR:018 METROPOLITAN MEMPHIS         POINT EMISSIONS AS OF: THURSDAY        MAY 28, 1981

                              PARTICULATES         SOX            NOX             HC              CO
                              ************     ************   ************   ************   ************
                               TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             0              1              0              0              1
            DISTILLATE OIL              0              5              3              0              1
            NATURAL GAS                 5              0             37              4              9
            WOOD                      121              2              5             24            873
            TOTAL (RESIDENTIAL)       126              8             45             28            884

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           10            110             19              1              1
            RESIDUAL OIL
                AREA SOURCES           38            665            132              2             11
            DISTILLATE OIL
                AREA SOURCES            0              2              3              0              0
            NATURAL GAS
                AREA SOURCES           19              1           2726           1032            364
            TOTAL (INDUSTRIAL)
                AREA SOURCES           67            778           2880           1035            376

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES           23            402             80              1              7
            DISTILLATE OIL
                AREA SOURCES            0              1              1              0              0
            NATURAL GAS
                AREA SOURCES            2              0             20              1              3
            TOTAL (COMM-INST)
                AREA SOURCES           25            403            101              2             10

        TOTAL (EXTERNAL COMB)
                AREA SOURCES          218           1189           3026           1065           1270

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          218           1189           3026           1065           1270

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           25              0              1             70            209
```

```
*** C17 ***                                                                                             *** C17 ***
            TOTAL (COMM-INST)
                AREA SOURCES                111             680             466             16              69
                POINT SOURCES               241             675             185              7              16

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               2868            3898            2429            744           16515
                POINT SOURCES              9331          285820           15292            247             851

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                       3               1             191              7              38
            TOTAL (INDUSTRIAL)                3               1             191              7              38

        COMM-INSTITUTIONAL

            TOTAL (COMM-INST)                43              40             600             48             131

        TOTAL (INTERNAL COMB)                46              41             791             55             169

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               2868            3898            2429            744           16515
                POINT SOURCES              9377          285861           16083            302            1020

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                35187               0            2716          14315           29327
    FOOD/AGRICULTURAL                       302               0               0              0               0
    PRIMARY METAL                          3543            2491             101              1            1493
    SECONDARY METALS                         12               0               0              0             102
    MINERAL PRODUCTS                      19306            3716             250             12              15
    PETROLEUM INDUSTRY                        7               0              40              1               3
    ORGANIC SOLVENT EVAPORATION               1               0               0            890               0
    PETROLEUM STORAGE/TRANSPORT               0               0               0            820               0
    METAL FABRICATION                      2249               0               0              0               0
    OTHER/NOT CLASSIFIED                      0            2213               0              0               0
    TOTAL (INDUSTRIAL)                    60607            8420            3107          16039           30940

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                        435              14             112            583            1851
        TOTAL (RESIDENTIAL)                 435              14             112            583            1851

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                48               7              48            532            6292
        OPEN BURNING
                POINT SOURCES                60               0               7             14             175
        TOTAL (INDUSTRIAL)
                POINT SOURCES               108               7              55            546            6467

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                435              14             112            583            1851
                POINT SOURCES               108               7              55            546            6467

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
*** D01 ***                                                                                              *** D01 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                                    AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:18 KENTUCKY        AQCR:077 EVANSVILLE-OWENSBORO-HENDERSON      POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                   PARTICULATES         SOX             NOX              HC              CO
                                   ************    ************    ************    ************    ************
                                    TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  58             166               9              58             264
         DISTILLATE OIL                    0              21              15               0               3
         NATURAL GAS                      27               1             223              23              56
         WOOD                             41               1               1               8             297
         TOTAL (RESIDENTIAL)             126             189             248              89             620

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                3672          150118           33055             448            1467
         TOTAL (ELEC GEN)               3672          150118           33055             448            1467

      INDUSTRIAL FUEL

         BITUMINOUS COAL
              AREA SOURCES               283            1851             496              15              33
              POINT SOURCES              116            1764             182              32              96
         RESIDUAL OIL
              POINT SOURCES               14             146              85               9               6
         DISTILLATE OIL
              AREA SOURCES                18             174             210              12              30
              POINT SOURCES                1              37              12               0               2
         NATURAL GAS
              AREA SOURCES                 6               0            1721             681             235
              POINT SOURCES               24               0             292              37              11
         WOOD
              POINT SOURCES               38               6              22              10              55
         LIQUID PETROL GAS
              POINT SOURCES                0               0               1               0               0
         TOTAL (INDUSTRIAL)
              AREA SOURCES               307            2025            2427             708             298
              POINT SOURCES              193            1953             594              88             170

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
              AREA SOURCES                18              46              19               0               1
         BITUMINOUS COAL
              POINT SOURCES               94            1192             137              15              42
         RESIDUAL OIL
              AREA SOURCES                 0               3               1               0               0
         DISTILLATE OIL
              AREA SOURCES                 3              54              41               1               8
```

LIGHT DUTY VEHICLES	3784	297	7336	8119	58524
LIGHT DUTY TRUCKS	1762	196	4390	3959	25093
HEAVY DUTY VEHICLES	413	55	2100	1636	22497
OFF HIGHWAY	35	18	334	1214	13020
TOTAL (GASOLINE)	5994	566	14160	14928	119134
DIESEL					
HEAVY DUTY VEHICLES	1527	929	8702	804	2329
OFF HIGHWAY	235	198	2376	346	704
RAIL	185	419	2715	691	956
TOTAL (DIESEL)	1947	1546	13793	1841	3989
AIRCRAFT					
CIVIL	0	0	0	9	497
TOTAL (AIRCRAFT)	0	0	0	9	497
VESSELS					
GASOLINE	0	0	1	57	177
TOTAL (VESSELS)	0	0	1	57	177
TOTAL (TRANSPORTATION)	7941	2112	27954	16835	123797
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	1599	13	376	2253	13151
STRUCTURAL FIRES	122	0	13	91	496
GASOLINE STA EVAP LOSS	0	0	0	1983	0
SOLVENT EVAPORATION LOSS	0	0	0	7648	0
UNPAVED ROADS	41666	0	0	0	0
UNPAVED AIRSTRIPS	35	0	0	0	0
TOTAL (MISCELLANEOUS)	43422	13	389	11975	13647
GRAND TOTAL ***********					
AREA SOURCES	53319	5660	32770	31802	144817
POINT SOURCES	66802	1391	938	5835	4974
TOTAL	120121	7051	33708	37637	149791

```
            NATURAL GAS
                AREA SOURCES                  0                 0                 1                 0                 0
                POINT SOURCES                 3                 0                15                 1                 2
            WOOD
                POINT SOURCES                34                 7                49                24                24
            TOTAL (COMM-INST)
                AREA SOURCES                 31               143                87                 1                12
                POINT SOURCES                41                36                71                26                29

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               3135              4632              5554              2100             18010
                POINT SOURCES             17793             34064              7881               174               536

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                      18                 1              6071              2383               743
            TOTAL (INDUSTRIAL)               18                 1              6071              2383               743

        TOTAL (INTERNAL COMB)                18                 1              6071              2383               743

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               3135              4632              5554              2100             18010
                POINT SOURCES             17811             34065             13952              2557              1279

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 1914                18                40              2424              1433
    FOOD/AGRICULTURAL                       283                 0                 0                 0                 0
    SECONDARY METALS                         37                 0                 6                 0                29
    MINERAL PRODUCTS                      13526                35                92                 3                 2
    PETROLEUM INDUSTRY                        2                24                11                36                 1
    WOOD PRODUCTS                           313                 0                 0                 0                 0
    ORGANIC SOLVENT EVAPORATION              33                 0                10             22130                 0
    PETROLEUM STORAGE/TRANSPORT               0                 0                 0               433                 0
    METAL FABRICATION                        17                 0                33                 0                 5
    TEXTILE MANUFACTURING                     1                 0                 1                 0                 0
    OTHER/NOT CLASSIFIED                     21                 5                21               402                 3
    TOTAL (INDUSTRIAL)                    16147                82               214             25428              1473

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                0                 0                 1                 0                 0
        TOTAL (GOVERNMENT)                    0                 0                 1                 0                 0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 18                 0                 0                48               159
        OPEN BURNING                        740                29               190              1002              3171
        TOTAL (RESIDENTIAL)                 758                29               190              1050              3330

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  7                 1                 3                 4                17
                POINT SOURCES                 2                 1                 1                 0                 1
        OPEN BURNING
                POINT SOURCES                 1                 0                 0                 0                 2
        TOTAL (COMM-INST)
                AREA SOURCES                  7                 1                 3                 4                17
```

```
*** D04 ***                                                                                    *** D04 ***
            AREA SOURCES               1085          37          239         1700         5305
            POINT SOURCES               710          53          203          816         4168

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       10182         408         9261        13233       113844
            LIGHT DUTY TRUCKS          2697         159         3403         4252        31594
            HEAVY DUTY VEHICLES         829          72         2301         2801        38737
            OFF HIGHWAY                  50          25          481         1730        18554
            TOTAL (GASOLINE)          13758         664        15446        22016       202729

        DIESEL

            HEAVY DUTY VEHICLES        1639         737         6560          849         2563
            OFF HIGHWAY                 259         217         2619          384          774
            RAIL                        121         274         1772          451          622
            TOTAL (DIESEL)             2019        1228        10951         1684         3959

    AIRCRAFT

        MILITARY                        322          30          194          574         1032
        CIVIL                             1           0            1           23         1070
        COMMERCIAL                        8          18          168          188          420
        TOTAL (AIRCRAFT)                331          48          363          785         2522

    VESSELS

        GASOLINE                          0          11           43         1783         5602
        TOTAL (VESSELS)                   0          11           43         1783         5602

    TOTAL (TRANSPORTATION)            16108        1951        26803        26268       214812

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    684           5          162          963         5622
    FOREST MANAGED BURNING             1126           8          225         1013         6305
    STRUCTURAL FIRES                    163           0           20          121          658
    GASOLINE STA EVAP LOSS                0           0            0         3581            0
    SOLVENT EVAPORATION LOSS              0           0            0        14696            0
    UNPAVED ROADS                     49110           0            0            0            0
    UNPAVED AIRSTRIPS                    67           0            0            0            0
    TOTAL (MISCELLANEOUS)             51150          13          407        20374        12585

GRAND TOTAL
***********

    AREA SOURCES                      69318       10087        48525        55761       237690

    POINT SOURCES                     53026        7626        62833        48973        21513

    TOTAL                            122344       17713       111358       104734       259203
```

```
*** D05 ***                                                                                          *** D05 ***
     TOTAL                              54267        65291        32319        43314        187144
```

```
*** D06 ***                                                                                                  *** D06 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                               ENVIRONMENTAL PROTECTION AGENCY
                                              *********************************

STATE/AQCR EMISSIONS REPORT                                                           RUN DATE:   TUESDAY    JANUARY 26, 1982
*****************************                                              AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:20 MAINE           AQCR:111 NORTHWEST MAINE                         POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                                    PARTICULATES          SOX            NOX            HC             CO
                                    ************     ************   ************   ************   ************
                                     TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      INDUSTRIAL FUEL

         WOOD
            POINT SOURCES                 56              8             56             11             11
         TOTAL (INDUSTRIAL)
            POINT SOURCES                 56              8             56             11             11

      TOTAL (EXTERNAL COMB)
            POINT SOURCES                 56              8             56             11             11

   TOTAL (FUEL COMBUSTION)

            POINT SOURCES                 56              8             56             11             11

INDUSTRIAL PROCESS (POINT)
**************************

   WOOD PRODUCTS                          27              0              0             10              0
   TOTAL (INDUSTRIAL)                     27              0              0             10              0

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OPEN BURNING                        41              2             16             77            217
      TOTAL (GOVERNMENT)                  41              2             16             77            217

   INDUSTRIAL

      OPEN BURNING
            POINT SOURCES                 39              2             15             73            207
      TOTAL (INDUSTRIAL)
            POINT SOURCES                 39              2             15             73            207

   TOTAL (SOLID WASTE DISP)
            POINT SOURCES                 80              4             31            150            424

GRAND TOTAL
***********


   POINT SOURCES                         163             12             87            171            435

   TOTAL                                 163             12             87            171            435
```

```
*** D07 ***                                                                                                                    *** D07 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ******************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *******************************

STATE/AQCR EMISSIONS REPORT                                                              RUN DATE:  TUESDAY   JANUARY 26, 1982
***************************                                                 AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:21 MARYLAND       AQCR:113 CUMBERLAND-KEYSER                         POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                                        PARTICULATES          SOX               NOX               HC                CO
                                        ************     ************      ************      ************      ************
                                         TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                       23               59                 6                 6               201
            BITUMINOUS COAL                       36              135                 6                36               161
            DISTILLATE OIL                        28              322               202                11                56
            NATURAL GAS                           16                1               128                13                32
            WOOD                                  59                1                 3                12               423
            TOTAL (RESIDENTIAL)                  162              518               345                78               873

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                      958             8075              2158                36               120
            DISTILLATE OIL                         0                4                 4                 0                 1
            TOTAL (ELEC GEN)                     958             8079              2162                36               121

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                   1600            17754              5712                66               201
            RESIDUAL OIL
                POINT SOURCES                     98             1485               701                12                59
            DISTILLATE OIL
                AREA SOURCES                       7               73                90                 5                13
            NATURAL GAS
                AREA SOURCES                       8                0               363                98                44
                POINT SOURCES                     18                1              1278                 2                31
            TOTAL (INDUSTRIAL)
                AREA SOURCES                      15               73               453               103                57
                POINT SOURCES                   1716            19240              7691                80               291

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                      76              172                34                 3                 7
                POINT SOURCES                     78              247                98                 7                13
            DISTILLATE OIL
                AREA SOURCES                       5               69                53                 2                12
                POINT SOURCES                      3               22                 4                 1                 2
            NATURAL GAS
                AREA SOURCES                       6                0                66                 4                11
            TOTAL (COMM-INST)
                AREA SOURCES                      87              241               153                 9                30
                POINT SOURCES                     81              269               102                 8                15

        TOTAL (EXTERNAL COMB)
```

```
          LIGHT DUTY TRUCKS               481         58        1314        1186        7353
          HEAVY DUTY VEHICLES              88         13         495         379        5212
          OFF HIGHWAY                      12          6         122         442        4738
          TOTAL (GASOLINE)               2495        243        5851        5903       45022

      DIESEL

          HEAVY DUTY VEHICLES             119         75         730          67         194
          OFF HIGHWAY                     114         96        1150         169         341
          RAIL                             19         44         285          72         101
          TOTAL (DIESEL)                  252        215        2165         308         636

   AIRCRAFT

      CIVIL                                 0          0           0           8         361
      TOTAL (AIRCRAFT)                      0          0           0           8         361

   VESSELS

      GASOLINE                              0         10          40        1620        5087
      TOTAL (VESSELS)                       0         10          40        1620        5087

   TOTAL (TRANSPORTATION)                2747        468        8056        7839       51106

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                        15          0           3          21         118
   STRUCTURAL FIRES                        19          0           3          14          79
   GASOLINE STA EVAP LOSS                   0          0           0         957           0
   SOLVENT EVAPORATION LOSS                 0          0           0        1761           0
   UNPAVED ROADS                          879          0           0           0           0
   TOTAL (MISCELLANEOUS)                  913          0           6        2753         197

GRAND TOTAL
***********

   AREA SOURCES                          4427        828        8539       11314       55236

   POINT SOURCES                         3281      88342       25666        8408        1800

   TOTAL                                 7708      89170       34205       19722       57036
```

```
*** D09 ***                                                                                          *** D09 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                  ******************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                  *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:22 MASSACHUSETTS   AQCR:118 CENTRAL MASSACHUSETTS         POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981


                                   PARTICULATES        SOX            NOX             HC              CO
                                   ************   ************   ************   ************   ************
                                    TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                    6             16              2              2             55
         DISTILLATE OIL                   178           2048           1280             71            356
         NATURAL GAS                       36              2            284             28             71
         WOOD                             244              5             10             49           1755
         TOTAL (RESIDENTIAL)              464           2071           1576            150           2237

      ELEC GENERATION (POINT)

         RESIDUAL OIL                       2             22             15              0              1
         TOTAL (ELEC GEN)                   2             22             15              0              1

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                   50            353             93              3              6
            POINT SOURCES                  20              9              2              0              0
         RESIDUAL OIL
            POINT SOURCES                 498           6601           2420             40            202
         DISTILLATE OIL
            AREA SOURCES                   14            138            168              9             24
            POINT SOURCES                   1             44             14              1              3
         NATURAL GAS
            AREA SOURCES                    9              1            247             37             27
            POINT SOURCES                   1              0             57              0              2
         WOOD
            POINT SOURCES                  76              3             21              4              4
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   73            492            508             49             57
            POINT SOURCES                 596           6657           2514             45            211

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                    5             13              5              0              0
         BITUMINOUS COAL
            POINT SOURCES                  15             15              2              5             24
         RESIDUAL OIL
            AREA SOURCES                   22            182             76              1              6
            POINT SOURCES                 114           1515            617             10             51
         DISTILLATE OIL
            AREA SOURCES                   37            535            409             19             93
            POINT SOURCES                   1             17              6              0              1
```

```
*** D11 ***                                                                                      *** D11 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                           AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:23 MICHIGAN       AQCR:123 METROPOLITAN DETROIT-PORT HURO   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              7             21              2              2             67
            DISTILLATE OIL             124           1418            886             50            247
            NATURAL GAS                975             58           7806            780           1953
            WOOD                        94              2              4             19            675
            TOTAL (RESIDENTIAL)       1200           1499           8698            851           2942

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          36387         165757          56139           1153           3086
            RESIDUAL OIL              1418          25826          11301            230            395
            DISTILLATE OIL              48            689            412             22             42
            NATURAL GAS                738           6654          15337             88            468
            TOTAL (ELEC GEN)         38591         198926          83189           1493           3991

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES        10926          30550          11063            444           1027
            RESIDUAL OIL
                POINT SOURCES          356           4771           1902             66            108
            DISTILLATE OIL
                POINT SOURCES          123            604            597             81             55
            NATURAL GAS
                AREA SOURCES           150              9          15550           5569           2041
                POINT SOURCES          160            330          10664             35            330
            PROCESS GAS
                POINT SOURCES           62           1787              0              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           150              9          15550           5569           2041
                POINT SOURCES        11627          38042          24226            626           1520

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES           209            501            217              0             19
            RESIDUAL OIL
                AREA SOURCES            75            552            261              4             21
                POINT SOURCES           10             72             24              2              2
            DISTILLATE OIL
                AREA SOURCES            41            591            451             21            102
            NATURAL GAS
                AREA SOURCES           464             28           5561            371            926
```

```
*** D12 ***                                                                                                   *** D12 ***
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                838                28               155              1552              4693
                POINT SOURCES               112                18                26               202               839

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            9105               489             11838             14105            117176
            LIGHT DUTY TRUCKS              3519               264              6162              6958             50575
            HEAVY DUTY VEHICLES             504                55              1939              2045             27930
            OFF HIGHWAY                     100                55               975              3521             37747
            TOTAL (GASOLINE)              13228               863             20914             26629            233428

        DIESEL

            HEAVY DUTY VEHICLES             826               424              4281               509              1408
            OFF HIGHWAY                     315               262              3185               467               945
            RAIL                             66               149               953               242               336
            TOTAL (DIESEL)                 1207               835              8419              1218              2689

    AIRCRAFT

        MILITARY                            493                46               296               877              1579
        CIVIL                                 1                 0                 1                42              1893
        COMMERCIAL                            2                 4                40                45                99
        TOTAL (AIRCRAFT)                    496                50               337               964              3571

    VESSELS

        DIESEL FUEL                           7                12                84                23                33
        RESIDUAL OIL                        292              3848               628                46                18
        GASOLINE                              0                97               368             14769             46402
        TOTAL (VESSELS)                     299              3957              1080             14838             46453

    TOTAL (TRANSPORTATION)                15230              5705             30750             43649            286141

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        108                 0                25               155               906
    FOREST MANAGED BURNING                   53                 0                 9                45               293
    STRUCTURAL FIRES                         55                 0                 5                39               219
    GASOLINE STA EVAP LOSS                    0                 0                 0              2697                 0
    SOLVENT EVAPORATION LOSS                  0                 0                 0             17442                 0
    UNPAVED ROADS                         27931                 0                 0                 0                 0
    UNPAVED AIRSTRIPS                         8                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                 28155                 0                39             20378              1418

GRAND TOTAL
***********

    AREA SOURCES                          45488              7488             35386             66586            299228

    POINT SOURCES                         71860            152721             27789              3498              7909

    TOTAL                                117348            160209             63175             70084            307137
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                         AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:24 MINNESOTA      AQCR:129 DULUTH-SUPERIOR                   POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES          SOX             NOX             HC              CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL             138             1591             994              56             276
            NATURAL GAS                 24                1             178              16              44
            WOOD                       552               11              22             111            3969
            TOTAL (RESIDENTIAL)        714             1603            1194             183            4289

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           1521             3032            1598              29              93
            LIGNITE                   8451            37930           16837             456            1375
            RESIDUAL OIL                53             2273             904               9              43
            DISTILLATE OIL               0               27              14               0               2
            NATURAL GAS                  1                0             132               0               4
            TOTAL (ELEC GEN)         10026            43262           19485             494            1517

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            30               94              49               1               3
                POINT SOURCES         2215            16362            4500             114             309
            RESIDUAL OIL
                POINT SOURCES           86             1254             393               6              33
            DISTILLATE OIL
                AREA SOURCES             8               81              98               5              13
                POINT SOURCES           10              377             222              10              51
            NATURAL GAS
                AREA SOURCES            16                1            1067             334             134
                POINT SOURCES           33                6            5687               9             144
            PROCESS GAS
                POINT SOURCES           15              689               0               0               0
            WOOD
                POINT SOURCES          913              122             810             162             162
            OTHER
                POINT SOURCES           21               34              70               5              15
            TOTAL (INDUSTRIAL)
                AREA SOURCES            54              176            1214             340             150
                POINT SOURCES         3293            18844           11682             306             714

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             4               11               4               0               0
            BITUMINOUS COAL
```

```
   TOTAL (SOLID WASTE DISP)
               AREA SOURCES                1738            73            384          2771          8580
               POINT SOURCES                 14             0              2            21           242

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES               5750           383           9961         12177         92855
         LIGHT DUTY TRUCKS                 2404           223           5324          5681         38750
         HEAVY DUTY VEHICLES                573            73           2768          2433         33347
         OFF HIGHWAY                        147            75           1452          5243         56205
         TOTAL (GASOLINE)                  8874           754          19505         25534        221157

      DIESEL

         HEAVY DUTY VEHICLES               1081           606           6242           664          1821
         OFF HIGHWAY                        486           408           4909           721          1454
         RAIL                               105           240           1555           395           544
         TOTAL (DIESEL)                    1672          1254          12706          1780          3819

   AIRCRAFT

      CIVIL                                   0             0              0            47          2129
      TOTAL (AIRCRAFT)                        0             0              0            47          2129

   VESSELS

      GASOLINE                                0            53            201          8137         25567
      TOTAL (VESSELS)                         0            53            201          8137         25567

   TOTAL (TRANSPORTATION)                 10546          2061          32412         35498        252672

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                         560             3            131           789          4605
   STRUCTURAL FIRES                         117             0             10            85           467
   GASOLINE STA EVAP LOSS                     0             0              0          2927             0
   SOLVENT EVAPORATION LOSS                   0             0              0          8134             0
   UNPAVED ROADS                         230327             0              0             0             0
   UNPAVED AIRSTRIPS                          2             0              0             0             0
   TOTAL (MISCELLANEOUS)                 231006             3            141         11935          5072

GRAND TOTAL
***********

   AREA SOURCES                          244871          4766          36354         50934        276176

   POINT SOURCES                          19280         12595           7135          1667          1173

   TOTAL                                 264151         17361          43489         52601        277349
```

```
*** D15 ***                                                                                    *** D15 ***
          OPEN BURNING                     94            3           24           126           400
          TOTAL (RESIDENTIAL)             119            3           25           196           609

     INDUSTRIAL

          OPEN BURNING
                    AREA SOURCES            1            0            0             1             5
          TOTAL (INDUSTRIAL)
                    AREA SOURCES            1            0            0             1             5

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES          120            3           25           197           614

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES        623           39          945          1134          8660
               LIGHT DUTY TRUCKS          185           16          354           374          2519
               HEAVY DUTY VEHICLES         32            4          136           129          1773
               OFF HIGHWAY                  4            2           38           136          1457
               TOTAL (GASOLINE)           844           61         1473          1773         14409

          DIESEL

               HEAVY DUTY VEHICLES         70           39          352            36           108
               OFF HIGHWAY                 33           28          333            49            99
               RAIL                         7           17          109            28            38
               TOTAL (DIESEL)             110           84          794           113           245

     AIRCRAFT

          CIVIL                             0            0            0             4           169
          TOTAL (AIRCRAFT)                  0            0            0             4           169

     VESSELS

          DIESEL FUEL                       8           10           75            20            26
          GASOLINE                          0            1            5           197           620
          TOTAL (VESSELS)                   8           11           80           217           646

     TOTAL (TRANSPORTATION)               962          156         2347          2107         15469

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                      18            0            4            25           146
     STRUCTURAL FIRES                      10            0            1             8            42
     GASOLINE STA EVAP LOSS                 0            0            0            91             0
     SOLVENT EVAPORATION LOSS               0            0            0          1166             0
     UNPAVED ROADS                       5733            0            0             0             0
     TOTAL (MISCELLANEOUS)               5761            0            5          1290           188

GRAND TOTAL
***********

     AREA SOURCES                        7061         1348         5403          4659         17541


     TOTAL                               7061         1348         5403          4659         17541
```

```
*** D16 ***                                                                                                  *** D16 ***

                                                   NATIONAL EMISSIONS DATA SYSTEM
                                                  ********************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                 *********************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                              AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:26 MISSOURI       AQCR:070 METROPOLITAN ST. LOUIS                  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                            PARTICULATES        SOX             NOX             HC              CO
                                            ************    ************    ************    ************    ************
                                             TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                           19             105               2              70              83
            DISTILLATE OIL                            40             458             287              88              80
            NATURAL GAS                              364              23            2912             328             729
            WOOD                                     219               4               9              80            1575
            TOTAL (RESIDENTIAL)                      642             590            3210             566            2467

        ELEC GENERATION (POINT)

            ANTHRACITE COAL                           94            1069              96               0               9
            BITUMINOUS COAL                        12455          430923          162525            1970            6550
            RESIDUAL OIL                               4            6040              65               1               3
            DISTILLATE OIL                             0             289             200               6              33
            NATURAL GAS                                1               0              87               0               2
            TOTAL (ELEC GEN)                       12554          438321          162969            1977            6597

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                        1615           12272            2154             102             140
                POINT SOURCES                       2684            9897            1922             107             224
            RESIDUAL OIL
                AREA SOURCES                           0               0               0              23               0
                POINT SOURCES                         38             750             167               3              13
            DISTILLATE OIL
                POINT SOURCES                          2              25               8               2               3
            NATURAL GAS
                AREA SOURCES                          74               4            4998            1604             637
                POINT SOURCES                         20               9            1655               5              50
            LIQUID PETROL GAS
                POINT SOURCES                          0               0               1               1               0
            OTHER
                POINT SOURCES                          0               0               4               0               1
            TOTAL (INDUSTRIAL)
                AREA SOURCES                        1689           12276            7152            1729             777
                POINT SOURCES                       2744           10681            3757             118             291

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                         361            1375             180              14              39
                POINT SOURCES                        612             697              75               6              15
            RESIDUAL OIL
                AREA SOURCES                         192            2670             672              18              55
        GASOLINE

            LIGHT DUTY VEHICLES                7166          376         9273        12139        98307
            LIGHT DUTY TRUCKS                  2858          215         4850         5594        39990
            HEAVY DUTY VEHICLES                 457           48         1701         1823        24881
            OFF HIGHWAY                          77           43          776         2793        29963
            TOTAL (GASOLINE)                  10558          682        16600        22349       193141

        DIESEL

            HEAVY DUTY VEHICLES                1257          622         6042          732         2087
            OFF HIGHWAY                         205          172         2075          308          614
            RAIL                                182          412         2673          679          942
            TOTAL (DIESEL)                     1644         1206        10790         1719         3643

    AIRCRAFT

        MILITARY                                 11            1            7           20           37
        CIVIL                                     0            0            0           33         1522
        COMMERCIAL                                1            3           28           31           69
        TOTAL (AIRCRAFT)                         12            4           35           84         1628

    VESSELS

        DIESEL FUEL                              32           39          297           79          103
        GASOLINE                                  0           10           38         1564         4916
        TOTAL (VESSELS)                          32           49          335         1643         5019

    TOTAL (TRANSPORTATION)                    12246         1941        27760        25795       203431

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                            300            0           70          422         2465
    STRUCTURAL FIRES                            122            0           12           90          489
    GASOLINE STA EVAP LOSS                        0            0            0         2782            0
    SOLVENT EVAPORATION LOSS                      0            0            0        16018            0
    UNPAVED ROADS                            306948            0            0            0            0
    TOTAL (MISCELLANEOUS)                    307370            0           82        19312         2954

GRAND TOTAL
***********

    AREA SOURCES                             322919         5853        30383        46434       224751

    POINT SOURCES                             70092       294288        19245        16887        38427

    TOTAL                                    393011       300141        49628        63321       263178
```

```
*** D18 ***                                                                                                   *** D18 ***

                                                   NATIONAL EMISSIONS DATA SYSTEM
                                                  ********************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                 *********************************

STATE/AQCR EMISSIONS REPORT                                                             RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                                AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:27 MONTANA        AQCR:141 GREAT FALLS                               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                    PARTICULATES         SOX              NOX              HC               CO
                                    ************    ************     ************     ************     ************
                                     TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 1               4                0                1                6
            DISTILLATE OIL                  3              60               25                0                7
            NATURAL GAS                    25               1              204               21               52
            WOOD                           77               1                3               16              549
            TOTAL (RESIDENTIAL)           106              66              232               38              614

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               51             178              106                3                6
            RESIDUAL OIL
                AREA SOURCES               47             556              164                3               13
            NATURAL GAS
                AREA SOURCES                4               0             1244              492              170
                POINT SOURCES              21               1              379                6               36
            PROCESS GAS
                POINT SOURCES               4              68               53                6                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              102             734             1514              498              189
                POINT SOURCES              25              69              432               12               36

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                0               5                1                0                0
            DISTILLATE OIL
                AREA SOURCES                4             104               53                1               11
            NATURAL GAS
                AREA SOURCES               14               1              169               10               29
                POINT SOURCES               1               0                7                0                1
            TOTAL (COMM-INST)
                AREA SOURCES               18             110              223               11               40
                POINT SOURCES               1               0                7                0                1

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              226             910             1969              547              843
                POINT SOURCES              26              69              439               12               37

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                     0               0                2                1                0
```

```
*** E01 ***                                                                                   *** E01 ***
           NATURAL GAS
               AREA SOURCES                     0           0           1           0           0
               POINT SOURCES                    0           0           1           0           0
           TOTAL (COMM-INST)
               AREA SOURCES                    21         103          62           1           9
               POINT SOURCES                   94        1192         138          15          42

        TOTAL (EXTERNAL COMB)
               AREA SOURCES                   454        2317        2737         798         927
               POINT SOURCES                 3959      153263       33787         551        1679

     TOTAL (FUEL COMBUSTION)

               AREA SOURCES                   454        2317        2737         798         927
               POINT SOURCES                 3959      153263       33787         551        1679

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                    95           0           0        1052           0
     FOOD/AGRICULTURAL                        808           0           0        1773           0
     PRIMARY METAL                           1229        5551         115         288       42287
     SECONDARY METALS                         537          18         101           1          14
     MINERAL PRODUCTS                       19881          23          79           3           9
     WOOD PRODUCTS                            348         325         123          97        4287
     ORGANIC SOLVENT EVAPORATION                4           0           4        1943           1
     PETROLEUM STORAGE/TRANSPORT                0           0           0        1540           0
     METAL FABRICATION                          6           2           8           8           1
     OTHER/NOT CLASSIFIED                      45         162         168          12          16
     TOTAL (INDUSTRIAL)                     22953        6081         598        6717       46615

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION                   9           0           0          27          85
         OPEN BURNING                         400          16         103         541        1715
         TOTAL (RESIDENTIAL)                  409          16         103         568        1800

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
               AREA SOURCES                     6           1           3           3          11
               POINT SOURCES                   13           2          40           3           5
         TOTAL (COMM-INST)
               AREA SOURCES                     6           1           3           3          11
               POINT SOURCES                   13           2          40           3           5

     INDUSTRIAL

         ON SITE INCINERATION
               AREA SOURCES                    16           3           3          14          21
               POINT SOURCES                    3           4           6          36         515
         OPEN BURNING
               AREA SOURCES                     5           0           2           9          30
         TOTAL (INDUSTRIAL)
               AREA SOURCES                    21           3           5          23          51
               POINT SOURCES                    3           4           6          36         515

     TOTAL (SOLID WASTE DISP)
               AREA SOURCES                   436          20         111         594        1862
               POINT SOURCES                   16           6          46          39         520

TRANSPORTATION (AREA)
*********************
```

```
*** E03 ***                                                                                          *** E03 ***
                POINT SOURCES                  3            1            1            0            3

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  18            3            3           15           23
                POINT SOURCES                187            1            5           75          965
        OPEN BURNING
                AREA SOURCES                   7            0            1            9           40
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  25            3            4           24           63
                POINT SOURCES                187            1            5           75          965

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 790           33          197         1078         3410
                POINT SOURCES                190            2            7           75          968

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             4184          263         6760         8582        65078
            LIGHT DUTY TRUCKS               1396          126         2874         3170        21385
            HEAVY DUTY VEHICLES              434           53         1852         1697        23291
            OFF HIGHWAY                       71           37          674         2430        26061
            TOTAL (GASOLINE)                6085          479        12160        15879       135815

        DIESEL

            HEAVY DUTY VEHICLES              493          270         2598          278          797
            OFF HIGHWAY                      477          398         4813          708         1424
            RAIL                             132          298         1931          491          681
            TOTAL (DIESEL)                  1102          966         9342         1477         2902

    AIRCRAFT

        CIVIL                                  0            0            0           10          532
        TOTAL (AIRCRAFT)                       0            0            0           10          532

    VESSELS

        GASOLINE                               0            9           34         1380         4336
        TOTAL (VESSELS)                        0            9           34         1380         4336

    TOTAL (TRANSPORTATION)                  7187         1454        21536        18746       143585

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         159            0           35          226         1326
    STRUCTURAL FIRES                          94            0            6           72          381
    GASOLINE STA EVAP LOSS                     0            0            0         1956            0
    SOLVENT EVAPORATION LOSS                   0            0            0        11919            0
    UNPAVED ROADS                          25636            0            0            0            0
    TOTAL (MISCELLANEOUS)                  25889            0           41        14173         1707

GRAND TOTAL
***********

    AREA SOURCES                           37001         6119        27328        36097       166712

    POINT SOURCES                          34148        34149        14173        28060         3720
```

```
*** E07 ***                                                                                               *** E07 ***
                AREA SOURCES                  264           832           951           190           960
                POINT SOURCES                2755         27588          9955           124           427

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     24            22           330            26            72
            TOTAL (ELEC GEN)                   24            22           330            26            72

        TOTAL (INTERNAL COMB)                  24            22           330            26            72

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  264           832           951           190           960
                POINT SOURCES                2779         27610         10285           150           499

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                          217            34             9             0             0
    WOOD PRODUCTS                              42           360            72             0          2232
    ORGANIC SOLVENT EVAPORATION                 0             0             0            92             0
    OTHER/NOT CLASSIFIED                        0          1719             0             0             0
    TOTAL (INDUSTRIAL)                        259          2113            81            92          2232

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                    2             0             0             4            14
        OPEN BURNING                          903            34           231          1218          3864
        TOTAL (RESIDENTIAL)                   905            34           231          1222          3878

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                    4             0             2             8            21
        TOTAL (COMM-INST)
                AREA SOURCES                    4             0             2             8            21

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                    2             0             0             2             2
        OPEN BURNING
                AREA SOURCES                   26             1             9            45           159
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   28             1             9            47           161

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  937            35           242          1277          4060

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              3821           188          4599          6135         50581
            LIGHT DUTY TRUCKS                 929            66          1503          1760         12800
            HEAVY DUTY VEHICLES               201            21           735           796         10805
            OFF HIGHWAY                        17             9           167           602          6462
            TOTAL (GASOLINE)                 4968           284          7004          9293         80648
```

```
         NATURAL GAS
              AREA SOURCES              17              1             205              14              34
              POINT SOURCES              1              0              54               0               2
         TOTAL (COMM-INST)
              AREA SOURCES              81            731             695              34             133
              POINT SOURCES            131           1547             679              15              78

     TOTAL (EXTERNAL COMB)
              AREA SOURCES             618           3294            2779             233            2427
              POINT SOURCES            729           8226            3208              60             290

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                  1              0              11               1               2
         DIESEL                          1              3               7               1               2
         TOTAL (ELEC GEN)                2              3              18               2               4

      TOTAL (INTERNAL COMB)              2              3              18               2               4

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES             618           3294            2779             233            2427
              POINT SOURCES            731           8229            3226              62             294

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING               0              0               0            1760               0
    SECONDARY METALS                    51              0               0               0               0
    MINERAL PRODUCTS                     0              0               0             232               0
    ORGANIC SOLVENT EVAPORATION          0              0               0            3115               0
    PETROLEUM STORAGE/TRANSPORT          0              0               0               5               0
    TEXTILE MANUFACTURING                0              0               0             837               0
    OTHER/NOT CLASSIFIED                 0              0               0            7785               0
    TOTAL (INDUSTRIAL)                  51              0               0           13734               0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           780             12              24            2192            6577
        OPEN BURNING                   306             11              78             413            1311
        TOTAL (RESIDENTIAL)           1086             23             102            2605            7888

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES             100             32              47              58             137
              POINT SOURCES              6              1               1               6              18
        TOTAL (COMM-INST)
              AREA SOURCES             100             32              47              58             137
              POINT SOURCES              6              1               1               6              18

    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES              24              5               5              21              32
              POINT SOURCES              1              0               0               1               2
        OPEN BURNING
              AREA SOURCES               3              0               1               6              20
        TOTAL (INDUSTRIAL)
              AREA SOURCES              27              5               6              27              52
              POINT SOURCES              1              0               0               1               2
```

```
*** E10 ***                                                                                                               *** E10 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                              **********************************

STATE EMISSIONS REPORT                                                                         RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE 23;MICHIGAN                                                                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                   PARTICULATES           SOX               NOX                HC                CO
                                   ************      ************      ************      ************      ************
                                    TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                    9                36                 2                 2               129
            DISTILLATE OIL                   517              5924              3705               210              1032
            NATURAL GAS                     1927               107             15399              1539              3857
            WOOD                            2165                43                88               441             15516
            TOTAL (RESIDENTIAL)             4618              6110             19194              2192             20534

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               134791            846077            189307              3383             10209
            RESIDUAL OIL                    2882             49303             30144               570              1024
            DISTILLATE OIL                    68              1325               874                38               109
            NATURAL GAS                      747              6654             16069                90               488
            TOTAL (ELEC GEN)              138488            903359            236394              4081             11830

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES              27184            102436             34469              1217              2682
            RESIDUAL OIL
                POINT SOURCES               1225             16401              6275               211               416
            DISTILLATE OIL
                POINT SOURCES                317              1356              1511               123               125
            NATURAL GAS
                AREA SOURCES                 375                20             39259             14055              5156
                POINT SOURCES                381               374             25085               280               639
            PROCESS GAS
                POINT SOURCES                 62              1787                 0                 0                 0
            WOOD
                POINT SOURCES                271               126              1269               220               211
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 375                20             39259             14055              5156
                POINT SOURCES              29440            122480             68609              2051              4073

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 500              1205               520                 0                41
            BITUMINOUS COAL
                POINT SOURCES               1274             20804              3876                97               286
            RESIDUAL OIL
                AREA SOURCES                 178              1310               624                 5                39
                POINT SOURCES                 62               482               141                 8                14
```

```
                 POINT SOURCES                   5           0          236           0           6
             TOTAL (COMM-INST)
                 AREA SOURCES                  789        1672         6490         396        1068
                 POINT SOURCES                  15          72          260           2           8

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES                 2139        3180        30738        6816        6051
                 POINT SOURCES               50233      237040       107675        2121        5519

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL                    113         456         1533           4          10
             NATURAL GAS                        27          10          796          62         169
             TOTAL (ELEC GEN)                  140         466         2329          66         179

         TOTAL (INTERNAL COMB)                 140         466         2329          66         179

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES                 2139        3180        30738        6816        6051
                 POINT SOURCES               50373      237506       110004        2187        5698

INDUSTRIAL PROCESS (POINT)
****************************

     CHEMICAL MANUFACTURING                     64        1892            0        2802           0
     FOOD/AGRICULTURAL                          43           0            0           0           0
     PRIMARY METAL                           15231        3062          660       11095       39660
     SECONDARY METALS                         1469        3967           85        1993        8901
     MINERAL PRODUCTS                         5099        1883         2243          57          51
     PETROLEUM INDUSTRY                        248        3931          332        8313          57
     ORGANIC SOLVENT EVAPORATION               382           0            0       79813           0
     PETROLEUM STORAGE/TRANSPORT                 0           0            0        5345           0
     METAL FABRICATION                          71           0            0          53           0
     OTHER/NOT CLASSIFIED                     1391        1280            0          84           0
     TOTAL (INDUSTRIAL)                      23998       16015         3320      109555       48669

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

         MUNICIPAL INCINERATION               1105         278          290        1669        2224
         OTHER INCINERATION                    515          66          395          83           0
         TOTAL (GOVERNMENT)                   1620         344          685        1752        2224

     RESIDENTIAL (AREA)

         ON SITE INCINERATION                 3908          62          122       10992       32977
         OPEN BURNING                         5850         218         1497        7892       25032
         TOTAL (RESIDENTIAL)                  9758         280         1619       18884       58009

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES                  748         237          355         432        1024
                 POINT SOURCES                1775         107         4951        1063        1252
         OPEN BURNING
                 AREA SOURCES                   16           1            6          33          89
         TOTAL (COMM-INST)
                 AREA SOURCES                  764         238          361         465        1113
                 POINT SOURCES                1775         107         4951        1063        1252

     INDUSTRIAL
```

```
                POINT SOURCES              3         5         1         1         2
            RESIDUAL OIL
                POINT SOURCES              8       104        33         1         3
            DISTILLATE OIL
                AREA SOURCES              25       341       261        11        59
                POINT SOURCES              0         7         3         0         1
            NATURAL GAS
                AREA SOURCES              13         1       169        11        29
                POINT SOURCES              1         0        11         0         1
            TOTAL (COMM-INST)
                AREA SOURCES              42       353       434        22        88
                POINT SOURCES             12       116        48         2         7

        TOTAL (EXTERNAL COMB)
                AREA SOURCES             810      2132      2842       545      4527
                POINT SOURCES          13331     62222     31215       802      2238

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                 1         1        15         1         3
            TOTAL (ELEC GEN)               1         1        15         1         3

        INDUSTRIAL FUEL

            DISTILLATE OIL                20        19       280        22        61
            NATURAL GAS                    2         0       219        81        36
            TOTAL (INDUSTRIAL)            22        19       499       103        97

        TOTAL (INTERNAL COMB)             23        20       514       104       100

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             810      2132      2842       545      4527
                POINT SOURCES          13354     62242     31729       906      2338

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                    621         0         0         0         0
    PRIMARY METAL                       1695      2092        18      1800       506
    MINERAL PRODUCTS                    4441         0         0         0         0
    PETROLEUM INDUSTRY                    95      1688       495       362     21135
    WOOD PRODUCTS                        390       687       203         0      4829
    ORGANIC SOLVENT EVAPORATION            0         0         0         1         0
    PETROLEUM STORAGE/TRANSPORT            0         0         0      2444         0
    TOTAL (INDUSTRIAL)                  7242      4467       716      4607     26470

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             107         0         3       299       896
        OPEN BURNING                     786        29       201      1061      3363
        TOTAL (RESIDENTIAL)              893        29       204      1360      4259

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES               4         0         1         9        21
        TOTAL (COMM-INST)
                AREA SOURCES               4         0         1         9        21

    INDUSTRIAL
```

```
            POINT SOURCES                  8         114          22           0           2
        DISTILLATE OIL
            AREA SOURCES                  24         329         251          56          56
        NATURAL GAS
            AREA SOURCES                 179          10        2143         126         357
            POINT SOURCES                  5           0         351           1           9
        TOTAL (COMM-INST)
            AREA SOURCES                 756        4384        3246         214         507
            POINT SOURCES                625         811         448           7          26

    TOTAL (EXTERNAL COMB)
            AREA SOURCES                3087       17250       13608        2509        3751
            POINT SOURCES              15923      449813      167174        2102        6914

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL                     2          44          12           1          10
        TOTAL (ELEC GEN)                   2          44          12           1          10

    TOTAL (INTERNAL COMB)                  2          44          12           1          10

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES                3087       17250       13608        2509        3751
            POINT SOURCES              15925      449857      167186        2103        6924

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                   0        3068           0          10       34077
  PRIMARY METAL                         2359       27315          13        1322         372
  SECONDARY METALS                         2          16          11           1         291
  MINERAL PRODUCTS                     18520        4102        2469           0           1
  PETROLEUM INDUSTRY                     323           0        1993           3         173
  WOOD PRODUCTS                            5           0           0         376           0
  ORGANIC SOLVENT EVAPORATION             31           3           4       36081          14
  PETROLEUM STORAGE/TRANSPORT              0           0           0        2589           0
  METAL FABRICATION                        5           0           0           0           0
  OTHER/NOT CLASSIFIED                     1        2908           1           1           1
  TOTAL (INDUSTRIAL)                   21246       37412        4491       40383       34929

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

    MUNICIPAL INCINERATION               364         365         438         219        5110
    TOTAL (GOVERNMENT)                   364         365         438         219        5110

  RESIDENTIAL (AREA)

    ON SITE INCINERATION                 298           5           9         839        2518
    OPEN BURNING                        1029          38         263        1388        4402
    TOTAL (RESIDENTIAL)                 1327          43         272        2227        6920

  COMMERCIAL-INSTITUTIONAL

    ON SITE INCINERATION
            AREA SOURCES                 110          35          52          64         151
            POINT SOURCES                  4           1           2           2           5
    OPEN BURNING
            AREA SOURCES                   2           0           0           4           8
    TOTAL (COMM-INST)
            AREA SOURCES                 112          35          52          68         159
```

```
*** E18 ***                                                                                 *** E18 ***
            TOTAL (INDUSTRIAL)                     0           0           2           1           0

        TOTAL (INTERNAL COMB)                      0           0           2           1           0

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                     226         910        1969         547         843
                POINT SOURCES                     26          69         441          13          37

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                             93           0           0           0           0
    PRIMARY METAL                               3100           0           0           0           0
    SECONDARY METALS                             394           0           0           0           0
    PETROLEUM INDUSTRY                            14         502         209         866       10581
    PETROLEUM STORAGE/TRANSPORT                    0           0           0         828           0
    TOTAL (INDUSTRIAL)                          3601         502         209        1694       10581

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                     168           1           4         471        1409
        OPEN BURNING                             371          14          94         500        1587
        TOTAL (RESIDENTIAL)                      539          15          98         971        2996

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                       1           0           0           2           4
        TOTAL (COMM-INST)
                AREA SOURCES                       1           0           0           2           4

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES                       1           0           0           1           5
        TOTAL (INDUSTRIAL)
                AREA SOURCES                       1           0           0           1           5

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                     541          15          98         974        3005

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES                 2199          87        2181        3828       34181
            LIGHT DUTY TRUCKS                   1103          66        1461        2142       17346
            HEAVY DUTY VEHICLES                  154          16         508         614        8724
            OFF HIGHWAY                           27          14         272         974       10447
            TOTAL (GASOLINE)                    3483         183        4422        7558       70698

        DIESEL

            HEAVY DUTY VEHICLES                  709         315        3310         499        1330
            OFF HIGHWAY                          190         159        1925         283         570
            RAIL                                 145         328        2136         543         750
            TOTAL (DIESEL)                      1044         802        7371        1325        2650

    AIRCRAFT
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3039	144	3489	4839	40251
LIGHT DUTY TRUCKS	964	67	1499	1780	12974
HEAVY DUTY VEHICLES	317	33	1100	1193	16272
OFF HIGHWAY	27	12	263	950	10179
TOTAL (GASOLINE)	4347	256	6351	8762	79676
DIESEL					
HEAVY DUTY VEHICLES	459	217	2094	265	760
OFF HIGHWAY	185	155	1882	276	558
RAIL	67	154	997	255	350
TOTAL (DIESEL)	711	526	4973	796	1668
AIRCRAFT					
MILITARY	4	0	2	7	12
CIVIL	0	0	0	9	472
COMMERCIAL	1	3	26	29	65
TOTAL (AIRCRAFT)	5	3	28	45	549
VESSELS					
DIESEL FUEL	524	656	4894	1284	1713
GASOLINE	0	5	18	746	2343
TOTAL (VESSELS)	524	661	4912	2030	4056
TOTAL (TRANSPORTATION)	5587	1446	16264	11633	85949
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	55	0	13	78	456
STRUCTURAL FIRES	52	0	6	38	209
GASOLINE STA EVAP LOSS	0	0	0	987	0
SOLVENT EVAPORATION LOSS	0	0	0	4651	0
UNPAVED ROADS	11582	0	0	0	0
UNPAVED AIRSTRIPS	2	0	0	0	0
TOTAL (MISCELLANEOUS)	11691	0	19	5754	665
GRAND TOTAL ***********					
AREA SOURCES	18168	3783	19131	18779	89403
POINT SOURCES	26928	159350	34431	7307	48814
TOTAL	45096	163133	53562	26086	138217

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                           AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:18 KENTUCKY         AQCR:102 BLUEGRASS                          POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                 PARTICULATES          SOX              NOX              HC               CO
                                 ************     ************     ************     ************     ************
                                  TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  125              372               20              125              556
         DISTILLATE OIL                     8               99               61                0               15
         NATURAL GAS                       74                2              572               57              143
         WOOD                             150                2                6               32             1062
         TOTAL (RESIDENTIAL)              357              475              659              214             1776

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 9201            69533            17973              260              865
         DISTILLATE OIL                     9               35              118                2                4
         TOTAL (ELEC GEN)                9210            69568            18091              262              869

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES                 609             4033             1075               32               69
             POINT SOURCES                976              614              309               21               41
         RESIDUAL OIL
             POINT SOURCES                 64              487              222                6               17
         DISTILLATE OIL
             AREA SOURCES                  44              412              500               27               72
             POINT SOURCES                  2               69               33                1                6
         NATURAL GAS
             AREA SOURCES                  21                0             4606             1824              626
             POINT SOURCES                  9                0              166               10               15
         TOTAL (INDUSTRIAL)
             AREA SOURCES                 674             4445             6181             1883              767
             POINT SOURCES               1051             1170              730               38               79

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES                  67              157               70                0                4
         BITUMINOUS COAL
             POINT SOURCES                313              595              236               20               64
         RESIDUAL OIL
             AREA SOURCES                   0                8                2                0                0
         DISTILLATE OIL
             AREA SOURCES                  10              178              135                4               29
             POINT SOURCES                  0                8                5                0                1
         NATURAL GAS
             AREA SOURCES                   0                0                2                0                0
```

```
*** F03 ***                                                                                  *** F03 ***
    TOTAL                      71149        40268        41501        64157        170432
```

```
*** F04 ***                                                                                  *** F04 ***

                                       NATIONAL EMISSIONS DATA SYSTEM
                                       ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

STATE/AQCR EMISSIONS REPORT                                           RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                               AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:19 LOUISIANA      AQCR:106 SOUTHERN LOUISIANA-SOUTHEAST T  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES         SOX           NOX            HC            CO
                              ************    ************  ************  ************  ************
                               TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  0              15            10             0             1
         NATURAL GAS                   347              16          2771           279           695
         WOOD                          558               9            21           117          3969
         TOTAL (RESIDENTIAL)           905              40          2802           396          4665

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 2611           36996         33098           273          1367
         DISTILLATE OIL                 77            1022          8827            32           162
         NATURAL GAS                  1717             752        115435           260          3481
         TOTAL (ELEC GEN)             4405           38770        157360           565          5010

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               464            4045           713            18            44
         RESIDUAL OIL
            POINT SOURCES             2307           25816         13927           189          1252
         DISTILLATE OIL
            POINT SOURCES             2539           38061         13276           179           817
         NATURAL GAS
            AREA SOURCES               600              33        150123         60045         20418
            POINT SOURCES             5874            3437        138373           634          6222
         PROCESS GAS
            POINT SOURCES               20            1681            85             1             6
         WOOD
            POINT SOURCES             9561             983          5596          1046          1343
         BAGASSE
            POINT SOURCES             7600               0          1608          2204          2075
         OTHER
            POINT SOURCES              582               0             0             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              1064            4078        150836         60063         20462
            POINT SOURCES            28483           69978        172865          4253         11715

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              2195           44942          7710           127           643
            POINT SOURCES              298             816          1159             1            21
         DISTILLATE OIL
            AREA SOURCES               129            1868          1428            59           325
            POINT SOURCES               17             758           195             2            45
```

```
*** F05 ***                                                                                                                *** F05 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                 *********************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                 **********************************

STATE/AQCR EMISSIONS REPORT                                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                                        AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:20 MAINE           AQCR:108 AROOSTOOK                                        POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                   PARTICULATES           SOX               NOX                HC                 CO
                                   ************       ************      ************       ************      ************
                                    TONS / YR          TONS / YR         TONS / YR          TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                   2                  5                 1                  0                15
            DISTILLATE OIL                   32                365               228                 13                63
            NATURAL GAS                       2                  0                18                  2                 5
            WOOD                           1138                 23                46                228              8190
            TOTAL (RESIDENTIAL)            1174                393               293                243              8273

        ELEC GEN ERATION (POINT)

            RESIDUAL OIL                    119               1456               424                  4                20
            TOTAL (ELEC GEN)                119               1456               424                  4                20

        INDUSTRIAL FUEL

            ANTHRACITE COAL
                AREA SOURCES                  1                  2                 1                  0                 0
            BITUMINOUS COAL
                AREA SOURCES                  7                 47                12                  0                 1
            RESIDUAL OIL
                POINT SOURCES               340               5507               871                 15                73
            DISTILLATE OIL
                AREA SOURCES                  0                  4                 5                  0                 1
                POINT SOURCES                 0                  6                 2                  0                 0
            NATURAL GAS
                AREA SOURCES                  1                  0                10                  0                 1
            COKE
                AREA SOURCES                  1                  1                 0                  0                 0
            WOOD
                POINT SOURCES               508                 20               136                 27                27
            OTHER
                POINT SOURCES                 0                  1                 0                  0                 0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 10                 54                28                  0                 3
                POINT SOURCES               848               5534              1009                 42               100

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES               125                519               189                  3                11
            RESIDUAL OIL
                POINT SOURCES                29                386                93                  2                 8
            DISTILLATE OIL
                AREA SOURCES                  2                 32                24                  1                 6
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE EMISSIONS REPORT                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
**************************                                  AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 21:MARYLAND                                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981


                              PARTICULATES        SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                40            110             10             10            378
         BITUMINOUS COAL                67            256             10             67            302
         DISTILLATE OIL                562           6473           4045            226           1125
         NATURAL GAS                   356             20           2832            283            710
         WOOD                         1151             22             46            233           8262
         TOTAL (RESIDENTIAL)          2176           6881           6943            819          10777

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             26178         147185          47452            791           2636
         RESIDUAL OIL                 1274          38219          20758            196            988
         DISTILLATE OIL                108           3953           2778             92            463
         NATURAL GAS                     9              1            601              1             15
         OTHER                          14              0              0              0              0
         TOTAL (ELEC GEN)            27583         189358          71589           1080           4102

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             2055          18964           6173             77            231
         RESIDUAL OIL
            POINT SOURCES              729          11583           9239            484            371
         DISTILLATE OIL
            AREA SOURCES               145           1374           1673             94            241
            POINT SOURCES               13            240            154              6             34
         NATURAL GAS
            AREA SOURCES               156              6           7154           1921            871
            POINT SOURCES               40              3           5432             90             48
         PROCESS GAS
            POINT SOURCES               30            559              0              0              0
         WOOD
            POINT SOURCES              306             17            131             26             26
         OTHER
            POINT SOURCES                4              0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               301           1380           8827           2015           1112
            POINT SOURCES             3177          31366          21129            683            710

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               508           1150            227             16             46
            POINT SOURCES               78            247             98              7             13
```

```
*** F07 ***                                                                                             *** F07 ***
     DIESEL

          HEAVY DUTY VEHICLES            392           200          1915           220           634
          OFF HIGHWAY                    150           126          1516           223           448
          RAIL                            25            58           375            96           132
          TOTAL (DIESEL)                 567           384          3806           539          1214

   AIRCRAFT

       MILITARY                           21             2            13            38            68
       CIVIL                               0             0             0            10           491
       COMMERCIAL                          2             4            34            38            84
       TOTAL (AIRCRAFT)                   23             6            47            86           643

   VESSELS

       GASOLINE                            0             1             6           226           709
       TOTAL (VESSELS)                     0             1             6           226           709

   TOTAL (TRANSPORTATION)               5558           675         10863         10144         83214

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       39             0             9            57           331
   STRUCTURAL FIRES                       73             0             9            55           295
   GASOLINE STA EVAP LOSS                  0             0             0           924             0
   SOLVENT EVAPORATION LOSS                0             0             0          9903             0
   UNPAVED ROADS                       11757             0             0             0             0
   TOTAL (MISCELLANEOUS)               11869             0            18         10939           626

GRAND TOTAL
***********

   AREA SOURCES                        18628          1542         12074         22550         88860

   POINT SOURCES                        3038         29723         10366           242          2731

   TOTAL                               21666         31265         22440         22792         91591
```

```
                          NATIONAL EMISSIONS DATA SYSTEM
                          ******************************

                          ENVIRONMENTAL PROTECTION AGENCY
                          *******************************

STATE EMISSIONS REPORT                              RUN DATE:  TUESDAY    JANUARY 26, 1982
******************************          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 22:MASSACHUSETTS                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                  PARTICULATES        SOX             NOX             HC               CO
                                  ************    ************    ************    ************    ************
                                   TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

    RESIDENTIAL FUEL (AREA)

      ANTHRACITE COAL                       66             174              20              17             590
      DISTILLATE OIL                      1416           16316           10197             567            2834
      NATURAL GAS                          419              25            3351             334             837
      WOOD                                1187              24              47             238            8541
      TOTAL (RESIDENTIAL)                 3088           16539           13615            1156           12802

    ELEC GENERATION (POINT)

      BITUMINOUS COAL                     3185            1862             735               7              24
      RESIDUAL OIL                       11222          137266           99768            1066            4751
      DISTILLATE OIL                        11             252             168               5              28
      NATURAL GAS                           36               2            2484               4              60
      TOTAL (ELEC GEN)                   14454          139382          103155            1082            4863

    INDUSTRIAL FUEL

      BITUMINOUS COAL
         AREA SOURCES                      372            2621             690              20              44
         POINT SOURCES                     661             155             160               2               7
      RESIDUAL OIL
         POINT SOURCES                    1976           26192            9868             223             822
      DISTILLATE OIL
         AREA SOURCES                      111            1082            1314              71             187
         POINT SOURCES                       6             200              59               2              12
      NATURAL GAS
         AREA SOURCES                       88               6            2327             347             253
         POINT SOURCES                      25               1            1147               4              41
      COKE
         AREA SOURCES                       43             108              28               1              14
      WOOD
         POINT SOURCES                      91               4              25               5               5
      TOTAL (INDUSTRIAL)
         AREA SOURCES                      614            3817            4359             439             498
         POINT SOURCES                    2759           26552           11259             236             887

    COMM-INSTITUTIONAL FUEL


      ANTHRACITE COAL
         AREA SOURCES                       49             123              53               0               3
      BITUMINOUS COAL
         POINT SOURCES                    1253             811             327              26              68
      RESIDUAL OIL
```

TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1213	60	155	2690	8077
POINT SOURCES	7	1	1	7	20
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	15468	544	13462	20582	189146
LIGHT DUTY TRUCKS	2063	100	2255	3247	26540
HEAVY DUTY VEHICLES	521	41	1372	1965	26873
OFF HIGHWAY	30	16	297	1070	11478
TOTAL (GASOLINE)	18082	701	17386	26864	254037
DIESEL					
HEAVY DUTY VEHICLES	1143	480	4822	702	1971
OFF HIGHWAY	277	232	2801	412	829
RAIL	14	32	211	54	74
TOTAL (DIESEL)	1434	744	7834	1168	2874
AIRCRAFT					
MILITARY	85	8	51	150	271
CIVIL	0	0	1	9	416
COMMERCIAL	2	5	51	57	126
TOTAL (AIRCRAFT)	87	13	103	216	813
VESSELS					
GASOLINE	0	8	31	1250	3928
TOTAL (VESSELS)	0	8	31	1250	3928
TOTAL (TRANSPORTATION)	19603	1466	25354	29498	261652
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	128	1	30	181	1054
STRUCTURAL FIRES	178	0	21	133	724
GASOLINE STA EVAP LOSS	0	0	0	1786	0
SOLVENT EVAPORATION LOSS	0	0	0	29358	0
UNPAVED ROADS	978	0	0	0	0
UNPAVED AIRSTRIPS	5	0	0	0	0
TOTAL (MISCELLANEOUS)	1289	1	51	31458	1778
GRAND TOTAL					
***********					
AREA SOURCES	22723	4821	28339	63879	273934
POINT SOURCES	789	8230	3227	13803	314
TOTAL	23512	13051	31566	77682	274248

```
          DISTILLATE OIL
              AREA SOURCES             90         1430         1091           39          249
              POINT SOURCES             0           17           10            0            2
          NATURAL GAS
              AREA SOURCES            884           45        10612          710         1774
              POINT SOURCES            25            1         1293            8           46
          TOTAL (COMM-INST)
              AREA SOURCES           1652         3990        12847          754         2103
              POINT SOURCES          1361        21304         5320          113          348

      TOTAL (EXTERNAL COMB)
              AREA SOURCES           6645        10120        71300        17001        27793
              POINT SOURCES        169289      1047143       310323         6245        16251

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL              223          845         3034            4           10
          NATURAL GAS                 126          211         3441          227          621
          TOTAL (ELEC GEN)            349         1056         6475          231          631

      TOTAL (INTERNAL COMB)           349         1056         6475          231          631

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES           6645        10120        71300        17001        27793
              POINT SOURCES        169638      1048199       316798         6476        16882

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING            160         3097            0         3257            0
    FOOD/AGRICULTURAL                 773          150            0           36            0
    PRIMARY METAL                   49719        80198          660        11300        39723
    SECONDARY METALS                 3926         4026          243         1993       126218
    MINERAL PRODUCTS                38535        39033         9055           57           51
    PETROLEUM INDUSTRY               1166         8424         1039        12400        49804
    WOOD PRODUCTS                     607         1386          263          528         8414
    ORGANIC SOLVENT EVAPORATION       505            0            0       160002            0
    PETROLEUM STORAGE/TRANSPORT         0            0            0        20950            0
    METAL FABRICATION                  71            0            0           99            0
    OTHER/NOT CLASSIFIED             1637         3157          297         2792        28280
    TOTAL (INDUSTRIAL)              97099       139471        11557       213414       252490

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION       1153          288          298         1727         2301
        OTHER INCINERATION            595           89          521          108            0
        TOTAL (GOVERNMENT)           1748          377          819         1835         2301

    RESIDENTIAL (AREA)

        ON SITE INCINERATION         7203          103          222        20230        60680
        OPEN BURNING                10758          398         2765        14527        46068
        TOTAL (RESIDENTIAL)         17961          501         2987        34757       106748

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES           1365          424          652          799         1894
              POINT SOURCES          1924         1465        11608         3373         4419
        OPEN BURNING
```

ON SITE INCINERATION					
AREA SOURCES	134	28	28	121	181
OPEN BURNING					
AREA SOURCES	47	1	15	79	279
POINT SOURCES	31	2	12	59	166
TOTAL (INDUSTRIAL)					
AREA SOURCES	181	29	43	200	460
POINT SOURCES	31	2	12	59	166
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	10703	547	2023	19549	59582
POINT SOURCES	3426	453	5648	2874	3642
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	100391	3004	66287	102448	1022357
LIGHT DUTY TRUCKS	14629	611	13417	20507	175301
HEAVY DUTY VEHICLES	4077	282	8928	14109	195807
OFF HIGHWAY	205	110	2033	7320	78507
TOTAL (GASOLINE)	119302	4007	90665	144384	1471972
DIESEL					
HEAVY DUTY VEHICLES	6840	2611	26526	4256	11870
OFF HIGHWAY	700	586	7075	1040	2093
RAIL	428	976	6341	1611	2228
TOTAL (DIESEL)	7968	4173	39942	6907	16191
AIRCRAFT					
MILITARY	8	0	5	13	25
CIVIL	5	3	7	103	4686
COMMERCIAL	70	153	1431	1601	3570
TOTAL (AIRCRAFT)	83	156	1443	1717	8281
VESSELS					
DIESEL FUEL	22	28	211	56	75
RESIDUAL OIL	740	9760	1604	111	54
GASOLINE	0	6	24	983	3090
TOTAL (VESSELS)	762	9794	1839	1150	3219
TOTAL (TRANSPORTATION)	128115	18130	133889	154158	1499663
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	0	0	0	0	4
STRUCTURAL FIRES	1009	3	120	755	4107
GASOLINE STA EVAP LOSS	0	0	0	14299	0
SOLVENT EVAPORATION LOSS	0	0	0	174636	0
UNPAVED ROADS	98984	0	0	0	0
TOTAL (MISCELLANEOUS)	99993	3	120	189690	4111
GRAND TOTAL					
***********					
AREA SOURCES	240950	21860	166770	370213	1569407
POINT SOURCES	77797	253974	118972	114616	58009

```
*** F12 ***                                                                                                               *** F12 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE EMISSIONS REPORT                                                                         RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                                       AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE 24:MINNESOTA                                                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                    PARTICULATES           SOX               NOX               HC                CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                   844              9700              6056               331              1681
            NATURAL GAS                      636                28              5044               501              1267
            WOOD                            2763                52               111               558             19845
            TOTAL (RESIDENTIAL)             4243              9780             11211              1390             22793

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                 2711             22130              6743               169               461
            LIGNITE                        15383            152137             84374              2060              6400
            RESIDUAL OIL                     203              5237              1971                19                95
            DISTILLATE OIL                     0                60                29                 0                 4
            NATURAL GAS                       11                 0              1165                 2                41
            PROCESS GAS                        0                 8                72                 0                 2
            OTHER                           1014                23               156                31                31
            TOTAL (ELEC GEN)               19322            179595             94510              2281              7034

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 439              1396               737                16                44
                POINT SOURCES               4111             19127              5516               172               430
            LIGNITE
                POINT SOURCES               3320              5641              2321               252               530
            RESIDUAL OIL
                POINT SOURCES                969             13159              2906                48               242
            DISTILLATE OIL
                AREA SOURCES                 118              1199              1459                73               206
                POINT SOURCES                 13               591               286                12                64
            NATURAL GAS
                AREA SOURCES                 262                11             16680              5227              2104
                POINT SOURCES                287                19             11567                81               594
            PROCESS GAS
                POINT SOURCES                 15              1623                 0                 0                 0
            COKE
                POINT SOURCES                 26                73                28                 0                 3
            WOOD
                POINT SOURCES               1290               187              1244               249               249
            LIQUID PETROL GAS
                POINT SOURCES                  1                 0                 9                 0                 1
            OTHER
                POINT SOURCES                 21                37                76                 5                16
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 819              2606             18876              5316              2354
```

```
      ON SITE INCINERATION
            POINT SOURCES            116            1             17            182           2150
      TOTAL (INDUSTRIAL)
            POINT SOURCES            116            1             17            182           2150

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES             897           29            205           1369           4280
            POINT SOURCES            116            1             17            182           2150

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        4971          224           5696           8057          69135
         LIGHT DUTY TRUCKS          1922          126           2973           3720          28250
         HEAVY DUTY VEHICLES         303           29           1015           1189          16205
         OFF HIGHWAY                  36           17            347           1247          13377
         TOTAL (GASOLINE)           7232          396          10031          14213         126967

      DIESEL

         HEAVY DUTY VEHICLES         755          359           3730            478           1305
         OFF HIGHWAY                 134          112           1356            199            401
         RAIL                         80          182           1191            304            417
         TOTAL (DIESEL)              969          653           6277            981           2123

   AIRCRAFT

      MILITARY                        91            9             55            163            293
      CIVIL                            0            0              0             20            891
      COMMERCIAL                       3            7             66             73            163
      TOTAL (AIRCRAFT)                94           16            121            256           1347

   VESSELS

      DIESEL FUEL                     99          123            921            242            322
      RESIDUAL OIL                    44          575             94              7              3
      GASOLINE                         0           30            115           4626          14534
      TOTAL (VESSELS)                143          728           1130           4875          14859

   TOTAL (TRANSPORTATION)           8438         1793          17559          20325         145296

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                  745            6            175           1051           6130
   STRUCTURAL FIRES                   94            0             11             71            383
   GASOLINE STA EVAP LOSS              0            0              0           1784              0
   SOLVENT EVAPORATION LOSS            0            0              0           5849              0
   UNPAVED ROADS                   52616            0              0              0              0
   TOTAL (MISCELLANEOUS)           53455            6            186           8755           6513

GRAND TOTAL
***********

   AREA SOURCES                    63600         3960          20792          30994         160616

   POINT SOURCES                   20712        66710          32462           5695          30958

   TOTAL                           84312        70670          53254          36689         191574
```

```
*** F14 ***                                                                                                   *** F14 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                            AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:24 MINNESOTA      AQCR:133 SOUTHWEST MINNESOTA                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES       SOX             NOX             HC              CO
                                ************   ************   ************   ************   ************
                                 TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  126           1428            892             47            247
         NATURAL GAS                      35              0            273             27             71
         WOOD                            112              1              2             23            801
         TOTAL (RESIDENTIAL)             273           1429           1167             97           1119

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 451           2099            667             16             44
         LIGNITE                        1877           3358            698            116            233
         RESIDUAL OIL                     24            393            130              1              7
         NATURAL GAS                       2              0             33              0              3
         TOTAL (ELEC GEN)               2354           5850           1528            133            287

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  44            140             76              1              4
         LIGNITE
            POINT SOURCES                 27           1117            931             20             67
         RESIDUAL OIL
            POINT SOURCES                 58            772            139              2             12
         DISTILLATE OIL
            AREA SOURCES                   6             87            105              5             14
            POINT SOURCES                  1             71             24              1              5
         NATURAL GAS
            AREA SOURCES                  23              1           1490            467            187
            POINT SOURCES                  5              0             77              2              7
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  73            228           1671            473            205
            POINT SOURCES                 91           1960           1171             25             91

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES                  3             37              7              0              1
         DISTILLATE OIL
            AREA SOURCES                  22            278            212              7             49
         NATURAL GAS
            AREA SOURCES                  11              0            138              6             23
            POINT SOURCES                  0              0              5              0              0
         TOTAL (COMM-INST)
            AREA SOURCES                  33            278            350             13             72
            POINT SOURCES                  3             37             12              0              1
```

```
*** F15 ***                                                                                                   *** F15 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                           ********************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                           *********************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:   TUESDAY    JANUARY 26, 1982
*****************************                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:25 MISSISSIPPI     AQCR:134 MISSISSIPPI DELTA               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES        SOX            NOX             HC              CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               2              15              0              2              9
            DISTILLATE OIL                0               8              3              0              0
            NATURAL GAS                  36               0            278             29             71
            WOOD                        598              13             23            120           4302
            TOTAL (RESIDENTIAL)         636              36            304            151           4382

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             583            9258           1692             33            100
            RESIDUAL OIL               3470           61209          10303            183            874
            DISTILLATE OIL               27             576            305             16             67
            NATURAL GAS                  17               5           1548              9             88
            TOTAL (ELEC GEN)           4097           71048          13848            241           1129

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             46             499             89              1              5
            RESIDUAL OIL
                AREA SOURCES            228            3985            793             12             66
                POINT SOURCES            16             885             50              2             11
            DISTILLATE OIL
                AREA SOURCES              1              12             15              0              2
                POINT SOURCES             6               0             65              1              7
            NATURAL GAS
                AREA SOURCES             97               6          14030           5312           1877
            WOOD
                POINT SOURCES            93              23            153             31             31
            TOTAL (INDUSTRIAL)
                AREA SOURCES            372            4502          14927           5325           1950
                POINT SOURCES           115             908            268             34             49

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              0               2              0              0              0
            RESIDUAL OIL
                AREA SOURCES            209            3694            736             12             61
            DISTILLATE OIL
                AREA SOURCES              0              12              9              0              1
            NATURAL GAS
                AREA SOURCES             15               0            192             12             32
            TOTAL (COMM-INST)
```

```
*** F16 ***                                                                                                                 *** F16 ***
                POINT SOURCES                  4                 1                 2                 2                 5

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 221                44                44               200               296
        OPEN BURNING
                AREA SOURCES                   4                 0                 1                 7                25
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 225                44                45               207               321

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                1664               122               369              2502              7400
                POINT SOURCES                368               366               440               221              5115

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            44549              1480             34844             54792            507083
            LIGHT DUTY TRUCKS               6282               327              7268              9852             77891
            HEAVY DUTY VEHICLES             1300                97              3078              4529             62244
            OFF HIGHWAY                       89                46               879              3166             33961
            TOTAL (GASOLINE)               52220              1950             46069             72339            681179

        DIESEL

            HEAVY DUTY VEHICLES             5699              2223             21593              3336              9561
            OFF HIGHWAY                      399               335              4037               594              1194
            RAIL                             628              1429              9283              2358              3262
            TOTAL (DIESEL)                  6726              3987             34913              6288             14017

    AIRCRAFT

        MILITARY                              72                 7                43               129               231
        CIVIL                                  2                 2                 5                72              3250
        COMMERCIAL                           128               282              2628              2939              6556
        TOTAL (AIRCRAFT)                     202               291              2676              3140             10037

    VESSELS

        DIESEL FUEL                           65                81               611               162               214
        GASOLINE                               0                 6                23               969              3042
        TOTAL (VESSELS)                       65                87               634              1131              3256

    TOTAL (TRANSPORTATION)                 59213              6315             84292             82898            708489

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          51                 0                12                71               415
    STRUCTURAL FIRES                         349                 1                41               262              1417
    GASOLINE STA EVAP LOSS                     0                 0                 0              9141                 0
    SOLVENT EVAPORATION LOSS                   0                 0                 0             87400                 0
    UNPAVED ROADS                         372293                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                 372693                 1                53             96874              1832

GRAND TOTAL
***********

    AREA SOURCES                          436657             23688             98322            184783            721472

    POINT SOURCES                          37539            487635            172117             42707             46968
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:26 MISSOURI        AQCR:139 SOUTHWEST MISSOURI       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES         SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                1              24              0              1             15
         DISTILLATE OIL                 4              96             62              0             13
         NATURAL GAS                  184               3           1461            144            368
         WOOD                        4727              94            191            952          33975
         TOTAL (RESIDENTIAL)         4916             217           1714           1097          34371

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             2419          191954          56332            383           1275
         NATURAL GAS                    1               0            575              1             14
         TOTAL (ELEC GEN)            2420          191954          56907            384           1289

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              631            4779            841             23             52
         RESIDUAL OIL
            POINT SOURCES              80             698            285             50             30
         DISTILLATE OIL
            POINT SOURCES               8              26             21             16              6
         NATURAL GAS
            AREA SOURCES               18               0           1484            476            187
            POINT SOURCES              35               3            209             42             13
         WOOD
            AREA SOURCES                8               2             10              2              3
         LIQUID PETROL GAS
            POINT SOURCES               1               1              4              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              657            4781           2335            501            242
            POINT SOURCES             124             728            519            109             50

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              101             389             51              2              7
         RESIDUAL OIL
            AREA SOURCES               58             819            211              1             13
            POINT SOURCES               6              92             12              1              1
         DISTILLATE OIL
            AREA SOURCES                3             102             80              1             13
            POINT SOURCES               3               8             16              1              1
         NATURAL GAS
            AREA SOURCES               50               1            612             37            105
      MILITARY                          42            4           25           75          134
      CIVIL                              0            0            0           29         1323
      COMMERCIAL                         3            7           68           76          169
      TOTAL (AIRCRAFT)                  45           11           93          180         1626

   VESSELS

      GASOLINE                           0            0            1          134          426
      TOTAL (VESSELS)                    0            0            1          134          426

   TOTAL (TRANSPORTATION)             4572          996        11887         9197        75400

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     69            0           16           99          570
   STRUCTURAL FIRES                     42            0            4           28          169
   GASOLINE STA EVAP LOSS                0            0            0          718            0
   SOLVENT EVAPORATION LOSS              0            0            0         1734            0
   UNPAVED ROADS                    169935            0            0            0            0
   UNPAVED AIRSTRIPS                    30            0            0            0            0
   TOTAL (MISCELLANEOUS)            170076            0           20         2579          739

GRAND TOTAL
***********

   AREA SOURCES                     175415         1921        13974        13297        79987

   POINT SOURCES                      3627          571          650         1707        10618

   TOTAL                            179042         2492        14624        15004        90605
```

```
                POINT SOURCES             6           0         275           2          11
        TOTAL (COMM-INST)
                AREA SOURCES             77         343         209           4          33
                POINT SOURCES           319         603         516          22          76

    TOTAL (EXTERNAL COMB)
                AREA SOURCES           1108        5263        7049        2101        2576
                POINT SOURCES         10580       71341       19337         322        1024

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            DISTILLATE OIL                1           5          12           1           3
            NATURAL GAS                   0           0          12           1           5
            TOTAL (INDUSTRIAL)            1           5          24           2           8

        TOTAL (INTERNAL COMB)             1           5          24           2           8

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           1108        5263        7049        2101        2576
                POINT SOURCES         10581       71346       19361         324        1032

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING               24           0           0         298           0
    FOOD/AGRICULTURAL                   404           0           0        8954           0
    SECONDARY METALS                     55          94          15           0           2
    MINERAL PRODUCTS                   3454          87          81          85           7
    WOOD PRODUCTS                         1           0           0           0           0
    ORGANIC SOLVENT EVAPORATION          24           8           1        3606           0
    PETROLEUM STORAGE/TRANSPORT           0           0           0        1225           0
    METAL FABRICATION                    17           0          33           0           0
    OTHER/NOT CLASSIFIED                 66          19           1         327           6
    TOTAL (INDUSTRIAL)                 4045         208         131       14495          15

SOLID WASTE DISPOSAL
*********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             23           0           0          65         205
        OPEN BURNING                   1010          38         258        1365        4329
        TOTAL (RESIDENTIAL)            1033          38         258        1430        4534

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             14           4           6           8          28
                POINT SOURCES             7           4           5           1           9
        OPEN BURNING
                AREA SOURCES              1           0           0           2           4
        TOTAL (COMM-INST)
                AREA SOURCES             15           4           6          10          32
                POINT SOURCES             7           4           5           1           9

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             48           9           9          43          65
                POINT SOURCES            13           5           6         113          14
        OPEN BURNING
                AREA SOURCES             19           0           4          27         105
        TOTAL (INDUSTRIAL)
```

```
*** G04 ***                                                                                                      *** G04 ***
           NATURAL GAS
               AREA SOURCES                  467              25             5626              378              943
               POINT SOURCES                   2               0               23                2                4
           TOTAL (COMM-INST)
               AREA SOURCES                 2791           46835            14764              564             1911
               POINT SOURCES                 317            1574             1377                5               70

        TOTAL (EXTERNAL COMB)
               AREA SOURCES                 4760           50953           168402            61023            27038
               POINT SOURCES               33205          110322           331602             4823            16795

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                     31            1449              274               11              144
           NATURAL GAS                        11               3             2731              389              191
           TOTAL (ELEC GEN)                   42            1452             3005              400              335

        INDUSTRIAL FUEL

           DISTILLATE OIL                      5             100              108                9               24
           NATURAL GAS                       712             162            57842            13818            10505
           TOTAL (INDUSTRIAL)                717             262            57950            13827            10529

        TOTAL (INTERNAL COMB)                759            1714            60955            14227            10864

     TOTAL (FUEL COMBUSTION)

               AREA SOURCES                 4760           50953           168402            61023            27038
               POINT SOURCES               33964          112036           392557            19050            27659

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                28744           26314            17870           191917           750444
     FOOD/AGRICULTURAL                      6376             287              303               11               58
     PRIMARY METAL                         21101            3223                0             6000            51659
     SECONDARY METALS                        801            3220                3               20             1381
     MINERAL PRODUCTS                       9223            9172             2377               46             9199
     PETROLEUM INDUSTRY                    14101           68307            71900            46300            62450
     WOOD PRODUCTS                          5020            5199             1246              235            23050
     ORGANIC SOLVENT EVAPORATION              13               0                0             8247                0
     PETROLEUM STORAGE/TRANSPORT               0               0                0            35554                0
     METAL FABRICATION                        39               0                0                0                0
     OTHER/NOT CLASSIFIED                    943            5934             1700             3737              252
     TOTAL (INDUSTRIAL)                    86361          121656            95399           292067           898493

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               961             200              160              120             2803
        TOTAL (GOVERNMENT)                   961             200              160              120             2803

     RESIDENTIAL (AREA)

        ON SITE INCINERATION                 856               9               24             2418             7245
        OPEN BURNING                        4004             151             1025             5404            17137
        TOTAL (RESIDENTIAL)                 4860             160             1049             7822            24382

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
               POINT SOURCES                  94               0               27                1                0
```

```
*** G05 ***                                                                                                              *** G05 ***
                POINT SOURCES                1               179                82                 4                19
            NATURAL GAS
                AREA SOURCES                 1                 0                14                 1                 2
            TOTAL (COMM-INST)
                AREA SOURCES                 3                32                38                 2                 8
                POINT SOURCES              155              1084               364                 9                38

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              1187               479               359               245              8284
                POINT SOURCES             1122              8074              1797                55               158

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  10                10               145                12                31
            TOTAL (ELEC GEN)                10                10               145                12                31

        TOTAL (INTERNAL COMB)               10                10               145                12                31

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              1187               479               359               245              8284
                POINT SOURCES             1132              8084              1942                67               189

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                      129                 0                 0                 0                 0
    MINERAL PRODUCTS                       222                 0                 0                 0                 0
    TOTAL (INDUSTRIAL)                     351                 0                 0                 0                 0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                        45                 3                17                84               238
        TOTAL (GOVERNMENT)                  45                 3                17                84               238

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                60                 1                 2               169               508
        OPEN BURNING                       191                 7                49               258               819
        TOTAL (RESIDENTIAL)                251                 8                51               427              1327

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                15                 5                 7                 9                21
                POINT SOURCES                1                 0                 0                 0                 0
        TOTAL (COMM-INST)
                AREA SOURCES                15                 5                 7                 9                21
                POINT SOURCES                1                 0                 0                 0                 0

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 3                 1                 1                 2                 3
                POINT SOURCES              410                 6                59               644              7605
        OPEN BURNING
                AREA SOURCES                 2                 0                 1                 4                15
                POINT SOURCES              391                24               146               732              2082
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 5                 1                 2                 6                18
                POINT SOURCES              801                30               205              1376              9687
```

```
*** G06 ***                                                                                  *** G06 ***
           RESIDUAL OIL
               POINT SOURCES            638        10282         3777           63          316
           DISTILLATE OIL
               AREA SOURCES             113         1675         1281           58          290
               POINT SOURCES            144         2183          997           51          184
           NATURAL GAS
               AREA SOURCES             137            7         1636          108          275
               POINT SOURCES             56            3         2628           11           98
           TOTAL (COMM-INST)
               AREA SOURCES             758         2832         3144          182          611
               POINT SOURCES            916        12715         7500          132          611

       TOTAL (EXTERNAL COMB)
               AREA SOURCES            3235        11093        18914         3016        12500
               POINT SOURCES          31676       233439       100218         1895         5423

   INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           DISTILLATE OIL               144          670         1988          160          441
           NATURAL GAS                   53            3         1983          217          544
           TOTAL (ELEC GEN)             197          673         3971          377          985

       TOTAL (INTERNAL COMB)            197          673         3971          377          985

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES            3235        11093        18914         3016        12500
               POINT SOURCES          31873       234112       104189         2272         6408

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               826          817          923         1934            1
   FOOD/AGRICULTURAL                    115            0            0            0            0
   PRIMARY METAL                      12490        17912         7037         9962       136110
   SECONDARY METALS                       3            0            2            0          357
   MINERAL PRODUCTS                    3952        10275         2619            0            0
   PETROLEUM INDUSTRY                    14          296          160         2140           12
   WOOD PRODUCTS                         42          360           72            0         2232
   ORGANIC SOLVENT EVAPORATION            0            0            0        17178            0
   PETROLEUM STORAGE/TRANSPORT            0            0            0         2805            0
   OTHER/NOT CLASSIFIED                   0         8230            0            0            0
   TOTAL (INDUSTRIAL)                 17442        37890        10813        34019       138712

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION          1889          270          216          162         3773
       OPEN BURNING                      44            3           17           83          236
       OTHER INCINERATION                90            0            2            0            0
       TOTAL (GOVERNMENT)              2023          273          235          245         4009

   RESIDENTIAL (AREA)

       ON SITE INCINERATION             208            3            6          587         1762
       OPEN BURNING                    4254          158         1091         5739        18202
       TOTAL (RESIDENTIAL)             4462          161         1097         6326        19964

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES             133           41           63           76          183
```

```
          AREA SOURCES              240        1994         836          13          69
          POINT SOURCES             666        8832        4334          72         361
      DISTILLATE OIL
          AREA SOURCES              407        5874        4488         204        1020
          POINT SOURCES              13         394         128           5          29
      NATURAL GAS
          AREA SOURCES              184          10        2207         148         368
          POINT SOURCES              49           3        1780          23          92
      TOTAL (COMM-INST)
          AREA SOURCES              880        8001        7584         365        1460
          POINT SOURCES            1981       10040        6569         126         550

   TOTAL (EXTERNAL COMB)
          AREA SOURCES             4582       28357       25558        1960       14760
          POINT SOURCES           19194      175974      120983        1444        6300

INTERNAL COMBUSTION (POINT)

   ELECTRIC GENERATION

      DISTILLATE OIL                 32          29         444          36          96
      NATURAL GAS                     2           0         753         310          95
      DIESEL                         18          69         247          20          56
      OTHER                           2           3          33           3           7
      TOTAL (ELEC GEN)               54         101        1477         369         254

   ENGINE-TESTING

      TOTAL (ENG TESTNG)             31          34          38         120          85

   TOTAL (INTERNAL COMB)             85         135        1515         489         339

TOTAL (FUEL COMBUSTION)

          AREA SOURCES             4582       28357       25558        1960       14760
          POINT SOURCES           19279      176109      122498        1933        6639
INDUSTRIAL PROCESS (POINT)
***************************

CHEMICAL MANUFACTURING                1          13           0        6002           0
FOOD/AGRICULTURAL                     0           0           0         106           0
SECONDARY METALS                    961           0           0         594           0
MINERAL PRODUCTS                    233         330         602         251          19
ORGANIC SOLVENT EVAPORATION           0           0           0       37243           0
PETROLEUM STORAGE/TRANSPORT           0           0           0        5414           0
TEXTILE MANUFACTURING                 0           0           0        3933           0
OTHER/NOT CLASSIFIED                  0         326           0       11520           0
TOTAL (INDUSTRIAL)                 1195         669         602       65063          19
SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION         3930          62         122       11053       33164
      OPEN BURNING                 4082         152        1044        5507       17471
      TOTAL (RESIDENTIAL)          8012         214        1166       16560       50635

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
          AREA SOURCES              503         159         237         291         689
          POINT SOURCES              29           3           7          29          87
      OPEN BURNING
          AREA SOURCES                3           0           1           5          13
```

*** G09 ***

*** G09 ***

```
*** 610 ***                                                                                              *** 610 ***
            AREA SOURCES                  30            1            8           59          147
      TOTAL (COMM-INST)
            AREA SOURCES                1395          425          660          858         2041
            POINT SOURCES               1924         1465        11608         3373         4419

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                 264           46           46          243          355
            POINT SOURCES                  7            6            5           35           47
      OPEN BURNING
            AREA SOURCES                  81            1           25          133          479
            POINT SOURCES                132            7           49          239          711
      TOTAL (INDUSTRIAL)
            AREA SOURCES                 345           47           71          376          834
            POINT SOURCES                139           13           54          274          758

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               19701          973         3718        35991       109623
            POINT SOURCES               3811         1855        12481         5482         7478

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          183223         6836       156409       214237      2000885
         LIGHT DUTY TRUCKS             37452         2166        49158        61793       484695
         HEAVY DUTY VEHICLES            8214          680        22835        30006       414359
         OFF HIGHWAY                     746          393         7357        26500       284196
         TOTAL (GASOLINE)             229635        10075       235759       332536      3184135

      DIESEL

         HEAVY DUTY VEHICLES           14355         6106        61828         8843        24655
         OFF HIGHWAY                    3602         3018        36441         5355        10791
         RAIL                            931         2116        13733         3491         4823
         TOTAL (DIESEL)                18888        11240       112002        17689        40269

   AIRCRAFT

      MILITARY                           574           52          344         1021         1842
      CIVIL                               11            3           16          359        16251
      COMMERCIAL                          99          218         2045         2288         5100
      TOTAL (AIRCRAFT)                   684          273         2405         3668        23193

   VESSELS

      DIESEL FUEL                         37           51          379          102          138
      RESIDUAL OIL                      1354        17830         2925          205           95
      GASOLINE                             0          150          566        22951        72112
      TOTAL (VESSELS)                   1391        18031         3870        23258        72345

   TOTAL (TRANSPORTATION)             250598        39619       354036       377151      3319942

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      265            0           63          380         2214
   FOREST MANAGED BURNING                107            0           20           95          605
   STRUCTURAL FIRES                     1448            3          170         1081         5890
   GASOLINE STA EVAP LOSS                  0            0            0        44608            0
   SOLVENT EVAPORATION LOSS                0            0            0       395802            0
   UNPAVED ROADS                      421966            0            0            0            0
   TOTAL                                    318747         275834         285742         484829         1627416
```

```
          POINT SOURCES            10053       40457       23953         819        2129
     COMM-INSTITUTIONAL FUEL


        ANTHRACITE COAL
            AREA SOURCES              11          28          11           0           0
        BITUMINOUS COAL
            POINT SOURCES            674        1814         751          30          70
        LIGNITE
            POINT SOURCES            395         462         144          16          34
        RESIDUAL OIL
            POINT SOURCES            297        4863        1030          15          87
        DISTILLATE OIL
            AREA SOURCES             309        4368        3332         143         760
            POINT SOURCES              2          84          28           1           7
        NATURAL GAS
            AREA SOURCES             264          12        3217         208         541
            POINT SOURCES             26           1        1036           8          59
        WOOD
            POINT SOURCES             26           4          26           5           5
        TOTAL (COMM-INST)
            AREA SOURCES             584        4408        6560         351        1301
            POINT SOURCES           1420        7228        3015          75         262

     TOTAL (EXTERNAL COMB)
            AREA SOURCES            5646       16794       36647        7057       26448
            POINT SOURCES          30795      227280      121478        3175        9425

  INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL                71         735         995          79         223
        NATURAL GAS                   15           0         461          66         119
        OTHER                          0           0           3           0           1
        TOTAL (ELEC GEN)              86         735        1459         145         343

     INDUSTRIAL FUEL

        DISTILLATE OIL                72          66         991          80         217
        NATURAL GAS                    4           0         668         244         110
        TOTAL (INDUSTRIAL)            76          66        1659         324         327

     TOTAL (INTERNAL COMB)           162         801        3118         469         670

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES            5646       16794       36647        7057       26448
            POINT SOURCES          30957      228081      124596        3644       10095

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING              13          27        2533           4           0
  FOOD/AGRICULTURAL                65470           0           0           1           6
  PRIMARY METAL                     1944        2094          21        2100        4036
  SECONDARY METALS                   254        1543           8           0        3843
  MINERAL PRODUCTS                 19015         141         477          14          60
  PETROLEUM INDUSTRY                 550        7150        2879        4582       21682
  WOOD PRODUCTS                      395        2287         203           0        4829
  ORGANIC SOLVENT EVAPORATION          0           0           0       43457           0
  PETROLEUM STORAGE/TRANSPORT          0           0           0       27163           0
  TOTAL (INDUSTRIAL)               87641       13242        6121       77321       34456

SOLID WASTE DISPOSAL
```

```
*** G14 ***                                                                                          *** G14 ***
      TOTAL (EXTERNAL COMB)
            AREA SOURCES           379            1935           3188            583           1396
            POINT SOURCES         2448            7847           2711            158            379

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL             16              92            226             18             50
         NATURAL GAS                 4               0            166             35             37
         TOTAL (ELEC GEN)           20              92            392             53             87

      INDUSTRIAL FUEL

         DISTILLATE OIL              8               7            105              9             24
         NATURAL GAS                 0               0             51             21              6
         TOTAL (INDUSTRIAL)          8               7            156             30             30

      TOTAL (INTERNAL COMB)         28              99            548             83            117

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES           379            1935           3188            583           1396
            POINT SOURCES         2476            7946           3259            241            496

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL             22020               0              0              0              0
   MINERAL PRODUCTS               2963               0              0              0              0
   ORGANIC SOLVENT EVAPORATION       0               0              0          12560              0
   PETROLEUM STORAGE/TRANSPORT       0               0              0            218              0
   TOTAL (INDUSTRIAL)            24983               0              0          12778              0

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION         245               0              6            691           2071
      OPEN BURNING                 657              24            169            887           2810
      TOTAL (RESIDENTIAL)          902              24            175           1578           4881

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES           902              24            175           1578           4881

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES      4119             251           6359           7931          62564
         LIGHT DUTY TRUCKS        1471             125           2898           3214          22662
         HEAVY DUTY VEHICLES       468              56           2081           1964          26807
         OFF HIGHWAY               132              69           1284           4621          49549
         TOTAL (GASOLINE)         6190             501          12622          17730         161582

      DIESEL

         HEAVY DUTY VEHICLES       972             527           5353            581           1602
         OFF HIGHWAY               426             358           4307            635           1277
         RAIL                       75             165           1071            269            374
         TOTAL (DIESEL)           1473            1050          10731           1485           3253
```

```
*** G15 ***                                                                                                                 *** G15 ***
                AREA SOURCES                   224              3708               937                24                94

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                  1232              8246             16168              5500              6426
                POINT SOURCES                 4212             71956             14116               275              1178

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  1232              8246             16168              5500              6426
                POINT SOURCES                 4212             71956             14116               275              1178

INDUSTRIAL PROCESS (POINT)
****************************

    CHEMICAL MANUFACTURING                       0                 0                 0               500                 0
    FOOD/AGRICULTURAL                          253                19                35               871                 6
    MINERAL PRODUCTS                           588               634               240                12                33
    PETROLEUM INDUSTRY                           6               195                65                 6                 7
    WOOD PRODUCTS                              159                11                73               166                15
    ORGANIC SOLVENT EVAPORATION                  0                 0                 0               966                 0
    PETROLEUM STORAGE/TRANSPORT                  0                 0                 0               647                 0
    TOTAL (INDUSTRIAL)                        1006               859               413              3168                61

SOLID WASTE DISPOSAL
**********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   235                 2                 7               662              1988
        OPEN BURNING                           884                34               225              1190              3771
        TOTAL (RESIDENTIAL)                   1119                36               232              1852              5759

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                     1                 0                 0                 2                 4
        TOTAL (COMM-INST)
                AREA SOURCES                     1                 0                 0                 2                 4

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES                    11                 0                 4                17                60
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    11                 0                 4                17                60

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  1131                36               236              1871              5823

TRANSPORTATION (AREA)
***********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES               3234               182              4347              5433             42639
            LIGHT DUTY TRUCKS                  801                64              1390              1510             10383
            HEAVY DUTY VEHICLES                328                37              1266              1263             17306
            OFF HIGHWAY                         48                25               463              1664             17846
            TOTAL (GASOLINE)                  4411               308              7466              9870             88174

        DIESEL

            HEAVY DUTY VEHICLES                534               281              2600               288               854
            OFF HIGHWAY                        330               276              3329               488               985
    TOTAL                        474196         511323         270439         227490         768440
```

```
            POINT SOURCES                33            3          716           11           53
         TOTAL (COMM-INST)
            AREA SOURCES                212         1311          954           41          138
            POINT SOURCES                42          103          744           13           55

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               5785         6309         5003         1639        34751
            POINT SOURCES              2586       192785        58170          506         1394

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                   4           58           16            1            1
         TOTAL (ELEC GEN)                 4           58           16            1            1

      INDUSTRIAL FUEL

         DISTILLATE OIL                   0            0            1            0            0
         TOTAL (INDUSTRIAL)               0            0            1            0            0

      TOTAL (INTERNAL COMB)               4           58           17            1            1

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               5785         6309         5003         1639        34751
            POINT SOURCES              2590       192843        58187          507         1395

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             22480          820         2724        14025        17462
   FOOD/AGRICULTURAL                     97            0            0            0            0
   SECONDARY METALS                      10            0            1            0          293
   MINERAL PRODUCTS                   14745          119          153          203          164
   ORGANIC SOLVENT EVAPORATION            0            0            0         8849            0
   PETROLEUM STORAGE/TRANSPORT            0            7           11          567            0
   METAL FABRICATION                      0            0            0          156            0
   OTHER/NOT CLASSIFIED                  46            4           85            8           16
   TOTAL (INDUSTRIAL)                 37378          950         2974        23808        17935

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION              2            0            0            0            2
      TOTAL (GOVERNMENT)                  2            0            0            0            2

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             1596           25           50         4489        13466
      OPEN BURNING                     1191           43          308         1600         5074
      TOTAL (RESIDENTIAL)              2787           68          358         6089        18540

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                  3            1            1            2            4
      OPEN BURNING
            AREA SOURCES                  2            0            1            3            9
      TOTAL (COMM-INST)
            AREA SOURCES                  5            1            2            5           13

   INDUSTRIAL
```

```
*** H01 ***                                                                                 *** H01 ***

                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                 AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:18 KENTUCKY       AQCR:078 LOUISVILLE                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                        PARTICULATES      SOX           NOX           HC            CO
                        ************  ************  ************  ************  ************
                         TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
****************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL          28           106             4            28           125
         DISTILLATE OIL            7            84            52             3            15
         NATURAL GAS             112             7           897            90           224
         WOOD                     69             1             3            14           495
         TOTAL (RESIDENTIAL)     216           198           956           135           859

      ELEC GENERATION (POINT)

         BITUMINOUS COAL        4035        152471         33605           560          1867
         DISTILLATE OIL            0             5            24             1             4
         NATURAL GAS               0             0           276             0             7
         TOTAL (ELEC GEN)       4035        152476         33905           561          1878

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES         683          4506          1186            36            77
            POINT SOURCES       3658          8350          4548           187           429
         RESIDUAL OIL
            POINT SOURCES        217           570           257            26           132
         DISTILLATE OIL
            AREA SOURCES          48           462           561            30            80
            POINT SOURCES         11           488           174             6            38
         NATURAL GAS
            AREA SOURCES          28             2          6317          2503           856
            POINT SOURCES        489             3          1135           333          1021
         PROCESS GAS
            POINT SOURCES          0             0             2             0             0
         WOOD
            POINT SOURCES         91            30           202            40            41
         TOTAL (INDUSTRIAL)
            AREA SOURCES         759          4970          8064          2569          1013
            POINT SOURCES       4466          9441          6318           592          1661

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES         104           250           108             0             9
         BITUMINOUS COAL
            POINT SOURCES         26           167            64             4             9
         RESIDUAL OIL
            AREA SOURCES           1            20             5             0             0
```

```
*** H02 ***                                                                                  *** H02 ***
               AREA SOURCES                 67          9         13         70        170
               POINT SOURCES                13          5          6        113         14

     TOTAL  (SOLID WASTE DISP)
               AREA SOURCES               1115         51        277       1510       4736
               POINT SOURCES                20          9         11        114         23

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES            8690        353       8551      12650     109199
           LIGHT DUTY TRUCKS              2335        142       3134       3965      29983
           HEAVY DUTY VEHICLES             838         73       2422       3029      41613
           OFF HIGHWAY                      54         30        555       1998      21440
           TOTAL  (GASOLINE)             11917        598      14662      21642     202235

        DIESEL

           HEAVY DUTY VEHICLES             838        359       3445        484       1392
           OFF HIGHWAY                     407        340       4110        604       1215
           RAIL                            185        422       2736        694        960
           TOTAL  (DIESEL)                1431       1121      10291       1782       3567

     AIRCRAFT

        MILITARY                             8          1          5         14         24
        CIVIL                                0          0          1         18        880
        COMMERCIAL                           5         11        106        118        264
        TOTAL  (AIRCRAFT)                   13         12        112        150       1168

     VESSELS

        GASOLINE                             0          0          1         79        249
        TOTAL  (VESSELS)                     0          0          1         79        249

     TOTAL  (TRANSPORTATION)             13361       1731      25066      23653     207219

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                       71          0         17         98        579
     STRUCTURAL FIRES                      130          0         14         95        525
     GASOLINE STA EVAP LOSS                  0          0          0       2992          0
     SOLVENT EVAPORATION LOSS                0          0          0      13814          0
     UNPAVED ROADS                        3984          0          0          0          0
     TOTAL (MISCELLANEOUS)                4185          0         31      16999       1104

GRAND TOTAL
***********

     AREA SOURCES                        19769       7045      32423      44263     215635

     POINT SOURCES                       14646      71563      19503      14933       1070

     TOTAL                               34415      78608      51926      59196     216705
```

```
*** H03 ***                                                                                          *** H03 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE EMISSIONS REPORT                                                RUN DATE:  TUESDAY   JANUARY 26, 1982
****************************                              AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE 19:LOUISIANA                                       POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                                 PARTICULATES           SOX             NOX             HC              CO
                                 ************      ************    ************    ************    ************
                                  TONS / YR         TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                  0               16              10               0               1
            NATURAL GAS                   470               20            3746             377             940
            WOOD                         1030               17              38             215            7335
            TOTAL (RESIDENTIAL)          1500               53            3794             592            8276

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 2641            37368           33504             277            1386
            DISTILLATE OIL                 78             1041            8842              32             164
            NATURAL GAS                  1882              766          126383             277            3753
            TOTAL (ELEC GEN)             4601            39175          168729             586            5303

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              644             5588             985              25              60
            RESIDUAL OIL
                POINT SOURCES            2585            28352           13953             197            1287
            DISTILLATE OIL
                POINT SOURCES            2617            40397           14000             212             979
            NATURAL GAS
                AREA SOURCES              750               41          186977           74785           25429
                POINT SOURCES            6462             6174          178665             891            7658
            PROCESS GAS
                POINT SOURCES              35             1684             209               3               6
            WOOD
                POINT SOURCES           18321             2458           14137            2749            3131
            BAGASSE
                POINT SOURCES            7601                1            1610            2205            2076
            OTHER
                POINT SOURCES             599                0               0               1               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             1394             5629          187962           74810           25489
                POINT SOURCES           38220            79066          222574            6258           15137

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES             2705            55373            9500             152             792
                POINT SOURCES             298              816            1159               1              21
            DISTILLATE OIL
                AREA SOURCES              155             2300            1761              71             401
                POINT SOURCES              20              794             223               3              51
```

TOTAL (COMM-INST)					
POINT SOURCES	94	0	27	1	0
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	2269	2767	625	568	2638
OPEN BURNING					
POINT SOURCES	99	0	23	139	812
TOTAL (INDUSTRIAL)					
POINT SOURCES	2368	2767	648	707	3450
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	4860	160	1069	7822	24382
POINT SOURCES	3423	2967	835	828	6253
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	55388	2274	50569	69192	597222
LIGHT DUTY TRUCKS	12931	780	16525	19839	146653
HEAVY DUTY VEHICLES	3994	347	10845	13179	183416
OFF HIGHWAY	229	122	2281	8210	88054
TOTAL (GASOLINE)	72542	3523	80220	110420	1015345
DIESEL					
HEAVY DUTY VEHICLES	8050	3593	32332	4269	12835
OFF HIGHWAY	1281	1075	12948	1903	3829
RAIL	672	1524	9892	2514	3478
TOTAL (DIESEL)	10003	6192	55172	8686	20142
AIRCRAFT					
MILITARY	860	81	516	1529	2753
CIVIL	4	1	4	142	6540
COMMERCIAL	52	116	1093	1225	2730
TOTAL (AIRCRAFT)	916	198	1613	2896	12023
VESSELS					
DIESEL FUEL	1143	1430	10659	2799	3731
RESIDUAL OIL	1206	15899	2613	180	87
GASOLINE	0	91	347	14071	44201
TOTAL (VESSELS)	2349	17420	13619	17050	48019
TOTAL (TRANSPORTATION)	85810	27333	150624	139052	1095529
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	6507	57	1530	9185	53579
FOREST MANAGED BURNING	3400	24	680	3058	19031
AGRICULTURAL BURNING	12330	0	1723	14571	81050
STRUCTURAL FIRES	782	0	93	583	3181
GASOLINE STA EVAP LOSS	0	0	0	14757	0
SOLVENT EVAPORATION LOSS	0	0	0	62470	0
UNPAVED ROADS	181527	0	0	0	0
TOTAL (MISCELLANEOUS)	204546	81	4026	104624	156841
GRAND TOTAL ***********					

```
         TOTAL  (SOLID WASTE DISP)
                    AREA SOURCES             271             14              60             442            1366
                    POINT SOURCES            847             33             222            1460            9925

TRANSPORTATION (AREA)
*********************

         LAND VEHICLES

             GASOLINE

                 LIGHT DUTY VEHICLES         833             50            1251            1481           11835
                 LIGHT DUTY TRUCKS           285             23             546             599            4249
                 HEAVY DUTY VEHICLES         117             14             509             506            6876
                 OFF HIGHWAY                  12              6             115             416            4444
                 TOTAL  (GASOLINE)          1247             93            2421            3000           27404

             DIESEL

                 HEAVY DUTY VEHICLES         207            113            1140             125             345
                 OFF HIGHWAY                  73             61             741             109             219
                 RAIL                          9             21             135              34              47
                 TOTAL  (DIESEL)             289            195            2016             268             611

         AIRCRAFT

             MILITARY                        136             13              82             241             434
             CIVIL                             0              0               0               0               9
             TOTAL  (AIRCRAFT)               136             13              82             241             443

         VESSELS

             GASOLINE                          0              1               5             189             594
             TOTAL  (VESSELS)                  0              1               5             189             594

         TOTAL  (TRANSPORTATION)            1672            302            4524            3698           29052

MISCELLANEOUS (AREA)
********************

         FOREST WILDFIRES                     56              0              13              79             460
         AGRICULTURAL BURNING                215              0              30             254            1413
         STRUCTURAL FIRES                     26              0               3              20             108
         GASOLINE STA EVAP LOSS                0              0               0             482               0
         SOLVENT EVAPORATION LOSS              0              0               0            2098               0
         UNPAVED ROADS                     15818              0               0               0               0
         UNPAVED AIRSTRIPS                     5              0               0               0               0
         TOTAL  (MISCELLANEOUS)            16120              0              46            2933            1981

GRAND TOTAL
***********

         AREA SOURCES                      19250            795            4989            7318           40683

         POINT SOURCES                      2330           8117            2164            1527           10114

         TOTAL                             21580           8912            7153            8845           50797
```

```
        OPEN BURNING
                AREA SOURCES               24           0           6          44         105
        TOTAL (COMM-INST)
                AREA SOURCES              157          41          69         120         288

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              199          38          38         182         267
                POINT SOURCES              39          16          13          99         131
        OPEN BURNING
                AREA SOURCES              134           4          46         232         827
        TOTAL (INDUSTRIAL)
                AREA SOURCES              333          42          84         414        1094
                POINT SOURCES              39          16          13          99         131

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             4952         244        1250        6860       21346
                POINT SOURCES            2062         289         248         344        4140

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         79239        3044       70966      101244      904199
            LIGHT DUTY TRUCKS           11625         694       15507       19484      148556
            HEAVY DUTY VEHICLES          3589         300        9874       13056      179473
            OFF HIGHWAY                   239         125        2349        8459       90718
            TOTAL (GASOLINE)            94692        4163       98696      142243     1322946

        DIESEL

            HEAVY DUTY VEHICLES          5912        2571       24901        3430        9844
            OFF HIGHWAY                  2144        1796       21675        3184        6413
            RAIL                          486        1105        7179        1822        2524
            TOTAL (DIESEL)               8542        5472       53755        8436       18781

    AIRCRAFT

        MILITARY                         1369         129         825        2437        4387
        CIVIL                               3           1           4         110        5145
        COMMERCIAL                         31          67         626         700        1561
        TOTAL (AIRCRAFT)                 1403         197        1455        3247       11093

    VESSELS

        DIESEL FUEL                       351         440        3278         861        1148
        RESIDUAL OIL                      387        5093         837          59          28
        GASOLINE                            0          60         238        9602       30162
        TOTAL (VESSELS)                   738        5593        4353       10522       31338

    TOTAL (TRANSPORTATION)             105375       15425      158259      164448     1384158

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      127           0          29         179        1034
    AGRICULTURAL BURNING                   46           0           6          54         303
    STRUCTURAL FIRES                     1124           2         137         838        4566
    GASOLINE STA EVAP LOSS                  0           0           0       18425           0
    SOLVENT EVAPORATION LOSS                0           0           0      114878           0
    UNPAVED ROADS                       53112           0           0           0           0
    UNPAVED AIRSTRIPS                      17           0           0           0           0
```

```
*** H07 ***                                                                                                      *** H07 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                                ******************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                                *******************************

STATE/AQCR EMISSIONS REPORT                                                         RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                                            AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:21 MARYLAND        AQCR:114 EASTERN SHORE                       POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                                   PARTICULATES          SOX              NOX              HC              CO
                                   ************     ************     ************     ************     ************
                                     TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                 0                3                0                0               13
            BITUMINOUS COAL                 2                9                0                2               11
            DISTILLATE OIL                 66              758              473               27              132
            NATURAL GAS                     9                0               63                6               16
            WOOD                          319                6               13               65             2286
            TOTAL (RESIDENTIAL)           396              776              549              100             2458

        ELEC GENERATION (POINT)

            RESIDUAL OIL                  541             9346             3086               29              147
            OTHER                          14                0                0                0                0
            TOTAL (ELEC GEN)              555             9346             3086               29              147

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES              23              300              124                2               12
            DISTILLATE OIL
                AREA SOURCES               23              200              243               14               36
            NATURAL GAS
                AREA SOURCES               14                0              590              157               72
            WOOD
                POINT SOURCES             306               17              131               26               26
            TOTAL (INDUSTRIAL)
                AREA SOURCES               37              200              833              171              108
                POINT SOURCES             329              317              255               28               38

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               23               52               11                0                1
            DISTILLATE OIL
                AREA SOURCES                6              104               81                3               17
            NATURAL GAS
                AREA SOURCES                6                0               73                5               14
            TOTAL (COMM-INST)
                AREA SOURCES               35              156              165                8               32

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              468             1132             1547              279             2598
                POINT SOURCES             884             9663             3341               57              185

    INTERNAL COMBUSTION (POINT)
```

TOTAL (COMM-INST)					
AREA SOURCES	506	159	238	296	702
POINT SOURCES	29	3	7	29	87
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	146	29	29	131	195
POINT SOURCES	33	3	8	33	98
OPEN BURNING					
AREA SOURCES	42	2	14	72	254
TOTAL (INDUSTRIAL)					
AREA SOURCES	188	31	43	203	449
POINT SOURCES	33	3	8	33	98
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	8706	404	1447	17059	51786
POINT SOURCES	62	6	15	62	185
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	128915	4059	100604	165620	1561512
LIGHT DUTY TRUCKS	14216	625	14101	21660	181056
HEAVY DUTY VEHICLES	4783	342	11029	17782	241863
OFF HIGHWAY	241	127	2391	8610	92339
TOTAL (GASOLINE)	148155	5153	128125	213672	2076770
DIESEL					
HEAVY DUTY VEHICLES	7826	3070	31177	4913	13758
OFF HIGHWAY	1475	1236	14920	2193	4416
RAIL	130	297	1933	491	680
TOTAL (DIESEL)	9431	4603	48030	7597	18854
AIRCRAFT					
MILITARY	533	50	320	947	1706
CIVIL	6	3	9	139	6380
COMMERCIAL	107	234	2187	2448	5457
TOTAL (AIRCRAFT)	646	287	2516	3534	13543
VESSELS					
DIESEL FUEL	77	95	716	187	250
RESIDUAL OIL	90	1182	195	13	6
GASOLINE	0	57	218	8791	27616
TOTAL (VESSELS)	167	1334	1129	8991	27872
TOTAL (TRANSPORTATION)	158399	11377	179800	233794	2137039
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	832	6	195	1176	6852
STRUCTURAL FIRES	1622	4	193	1213	6598
GASOLINE STA EVAP LOSS	0	0	0	22919	0
SOLVENT EVAPORATION LOSS	0	0	0	232322	0
UNPAVED ROADS	6294	0	0	0	0
UNPAVED AIRSTRIPS	5	0	0	0	0
TOTAL (MISCELLANEOUS)	8753	10	388	257630	13450

```
*** H09 ***                                                                                          *** H09 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                  AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:22 MASSACHUSETTS   AQCR:119 METROPOLITAN BOSTON        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES          SOX             NOX             HC              CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               24               64               7               6             216
         DISTILLATE OIL               656             7561            4726             263            1313
         NATURAL GAS                  194               12            1550             155             387
         WOOD                         185                4               7              37            1332
         TOTAL (RESIDENTIAL)         1059             7641            6290             461            3248

      ELEC GENERATION (POINT)

         RESIDUAL OIL                3816            46677           40493             386            1928
         DISTILLATE OIL                 1               27              12               0               2
         NATURAL GAS                   17                1            1171               2              28
         TOTAL (ELEC GEN)            3834            46705           41676             388            1958

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              151             1064             280               8              18
            POINT SOURCES               3                1               7               0               0
         RESIDUAL OIL
            POINT SOURCES             552             7315            3927              65             327
         DISTILLATE OIL
            AREA SOURCES               46              443             538              29              77
            POINT SOURCES               3               71              32               1               7
         NATURAL GAS
            AREA SOURCES               37                2             972             145             106
            POINT SOURCES              13                1             776               2              22
         COKE
            AREA SOURCES               43              108              28               1              14
         WOOD
            POINT SOURCES              15                1               4               1               1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              277             1617            1818             183             215
            POINT SOURCES             586             7389            4746              69             357

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               26               63              27               0               2
         RESIDUAL OIL
            AREA SOURCES              137             1145             480               8              40
            POINT SOURCES             377             4993            2858              48             238
         DISTILLATE OIL
```

```
    UNPAVED AIRSTRIPS                       40           0           0           0           0
    TOTAL (MISCELLANEOUS)               423826           3         253      441966        8709

GRAND TOTAL
***********

    AREA SOURCES                        700770       50715      429307      872109     3466067

    POINT SOURCES                       270548     1189525      340836      225372      276850

    TOTAL                               971318     1240240      770143     1097481     3742917
```

```
*** H12 ***                                                                            *** H12 ***
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                2           0           0           0           2
        OTHER INCINERATION                    0           0           1           0           0
        TOTAL (GOVERNMENT)                    2           0           1           0           2

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               2928          31          85        8239       24708
        OPEN BURNING                       5931         219        1521        8005       25386
        TOTAL (RESIDENTIAL)                8859         250        1606       16244       50094

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 74          23          35          43         101
                POINT SOURCES              3576          70         244          77         110
        OPEN BURNING
                AREA SOURCES                 27           0           3          53         115
        TOTAL (COMM-INST)
                AREA SOURCES                101          23          38          96         216
                POINT SOURCES              3576          70         244          77         110

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES               722          10          52         213        2406
        TOTAL (INDUSTRIAL)
                POINT SOURCES               722          10          52         213        2406

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               8960         273        1644       16340       50310
                POINT SOURCES              4300          80         297         290        2518

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           67372        2803       70159      101886      895965
            LIGHT DUTY TRUCKS             17637        1142       26581       33348      254461
            HEAVY DUTY VEHICLES            4144         398       14167       16274      222628
            OFF HIGHWAY                     688         357        6737       24262      260189
            TOTAL (GASOLINE)              89841        4700      117644      175770     1633243

        DIESEL

            HEAVY DUTY VEHICLES           10922        4957       50924        6776       18629
            OFF HIGHWAY                    2517        2112       25433        3738        7529
            RAIL                            973        2207       14310        3631        5022
            TOTAL (DIESEL)                14412        9276       90667       14145       31180

    AIRCRAFT

        MILITARY                            210          20         128         376         676
        CIVIL                                 4           1           6         256       11394
        COMMERCIAL                           50         110        1025        1147        2557
        TOTAL (AIRCRAFT)                    264         131        1159        1779       14627

    VESSELS

        DIESEL FUEL                         111         138        1031         270         361
```

```
                                      NATIONAL EMISSIONS DATA SYSTEM
                                     ********************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                     *********************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:  TUESDAY     JANUARY 26, 1982
****************************                                 AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:24 MINNESOTA      AQCR:130 METROPOLITAN FARGO-MOORHEAD      POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                            PARTICULATES        SOX             NOX             HC              CO
                            ************    ************    ************    ************    ************
                             TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               18             211             132               7              37
         NATURAL GAS                   5               0              40               4              10
         TOTAL (RESIDENTIAL)          23             211             172              11              47

      ELEC GENERATION (POINT)

         LIGNITE                       5             918             306              51             102
         TOTAL (ELEC GEN)              5             918             306              51             102

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES              1               5               2               0               0
         LIGNITE
             POINT SOURCES          1058            1304             376              63             125
         DISTILLATE OIL
             AREA SOURCES              0               3               3               0               0
         NATURAL GAS
             AREA SOURCES              1               0              38              12               5
         TOTAL (INDUSTRIAL)
             AREA SOURCES              2               8              43              12               5
             POINT SOURCES          1058            1304             376              63             125

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES              0               1               0               0               0
         RESIDUAL OIL
             POINT SOURCES            17             231              73               1               6
         DISTILLATE OIL
             AREA SOURCES              3              38              29               1               7
         NATURAL GAS
             AREA SOURCES              3               0              39               3               7
             POINT SOURCES             1               0              19               0               2
         TOTAL (COMM-INST)
             AREA SOURCES              6              39              68               4              14
             POINT SOURCES            18             231              92               1               8

      TOTAL (EXTERNAL COMB)
             AREA SOURCES             31             258             283              27              66
             POINT SOURCES          1081            2453             774             115             235
```

```
    AIRCRAFT

        CIVIL                                   0             0             0            29          1270
        TOTAL (AIRCRAFT)                        0             0             0            29          1270

    VESSELS

        GASOLINE                                0             5            26           990          3116
        TOTAL (VESSELS)                         0             5            26           990          3116

    TOTAL (TRANSPORTATION)                   7663          1556         23379         20234        169221

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                           86             0             9            65           351
    GASOLINE STA EVAP LOSS                      0             0             0          1750             0
    SOLVENT EVAPORATION LOSS                    0             0             0          8220             0
    UNPAVED ROADS                          153166             0             0             0             0
    TOTAL (MISCELLANEOUS)                  153252             0             9         10035           351

GRAND TOTAL
***********

    AREA SOURCES                           162196          3515         26751         32430        175849

    POINT SOURCES                           27459          7946          3259         13019           496

    TOTAL                                  189655         11461         30010         45449        176345
```

```
          RAIL                            44           100           651           166           230
          TOTAL (DIESEL)                 908           657          6580           942          2069

    AIRCRAFT

        MILITARY                          47             4            28            84           151
        CIVIL                              0             0             0            39          1819
        COMMERCIAL                         1             2            21            24            53
        TOTAL (AIRCRAFT)                  48             6            49           147          2023

    VESSELS

        DIESEL FUEL                       46            58           434           115           151
        GASOLINE                           0            14            54          2255          7084
        TOTAL (VESSELS)                   46            72           488          2370          7235

    TOTAL (TRANSPORTATION)              5413          1043         14583         13329         99501

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      91             0            21           128           751
    AGRICULTURAL BURNING                3566             0           498          4214         23445
    STRUCTURAL FIRES                     194             0            22           144           783
    GASOLINE STA EVAP LOSS                 0             0             0           613             0
    SOLVENT EVAPORATION LOSS               0             0             0          7630             0
    UNPAVED ROADS                      78274             0             0             0             0
    UNPAVED AIRSTRIPS                     12             0             0             0             0
    TOTAL (MISCELLANEOUS)              82137             0           541         12729         24979

GRAND TOTAL
***********

    AREA SOURCES                       89913          9325         31528         33429        136729

    POINT SOURCES                       5218         72815         14529          3443          1239

    TOTAL                              95131         82140         46057         36872        137968
```

```
     ON SITE INCINERATION
             AREA SOURCES                 1          0          0          1          1
             POINT SOURCES             2020          3          6         37        444
     OPEN BURNING
             AREA SOURCES                 9          0          3         15         55
             POINT SOURCES                1          1          1          1          4
     TOTAL (INDUSTRIAL)
             AREA SOURCES                10          0          3         16         56
             POINT SOURCES             2021          4          7         38        448

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES              2802         69        363       6110      18609
             POINT SOURCES             2023          4          7         38        450

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          13327        695      17257      23249     187464
         LIGHT DUTY TRUCKS             5015        389       8910      10260      72491
         HEAVY DUTY VEHICLES            805         85       2966       3153      43006
         OFF HIGHWAY                    143         76       1408       5077      54429
         TOTAL (GASOLINE)             19290       1245      30541      41739     357390

      DIESEL

         HEAVY DUTY VEHICLES           2616       1254      12098       1501       4298
         OFF HIGHWAY                    375        314       3795        560       1124
         RAIL                           331        748       4848       1229       1703
         TOTAL (DIESEL)                3322       2316      20741       3290       7125

   AIRCRAFT

      MILITARY                          178         17        107        316        569
      CIVIL                               0          0          1         56       2596
      COMMERCIAL                          5         13        117        132        293
      TOTAL (AIRCRAFT)                  183         30        225        504       3458

   VESSELS

      DIESEL FUEL                         5          6         46         12         16
      GASOLINE                            0         25         96       3894      12236
      TOTAL (VESSELS)                     5         31        142       3906      12252

   TOTAL (TRANSPORTATION)             22800       3622      51649      49439     380225

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    1665         13        392       2344      13682
   STRUCTURAL FIRES                     398          0         46        296       1615
   GASOLINE STA EVAP LOSS                 0          0          0       4530          0
   SOLVENT EVAPORATION LOSS               0          0          0      30051          0
   UNPAVED ROADS                     659436          0          0          0          0
   UNPAVED AIRSTRIPS                      6          0          0          0          0
   TOTAL (MISCELLANEOUS)             661505         13        438      37221      15297

GRAND TOTAL
***********

   AREA SOURCES                      692892      10013      57453      94409     448882

   POINT SOURCES                      41991     193797      61168      24353      19780
```

```
*** H18 ***                                                                                         *** H18 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:27 MONTANA        AQCR:142 HELENA                      POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 3              7              0              3             23
         DISTILLATE OIL                  3             60             27              0              4
         NATURAL GAS                    34              1            274             27             68
         WOOD                          426              8             18             86           3060
         TOTAL (RESIDENTIAL)           466             76            319            116           3155

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                86            289            169              4              9
         RESIDUAL OIL
            AREA SOURCES                77            933            272              4             24
         NATURAL GAS
            AREA SOURCES                 7              0           1855            734            253
            POINT SOURCES               27              1           1610              3             46
         WOOD
            POINT SOURCES                2              0              2              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               170           1222           2296            742            286
            POINT SOURCES               29              1           1612              3             46

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 0              6              2              0              0
         DISTILLATE OIL
            AREA SOURCES                 5            129             65              2             13
         NATURAL GAS
            AREA SOURCES                27              1            324             22             53
         TOTAL (COMM-INST)
            AREA SOURCES                32            136            391             24             66

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               668           1434           3006            882           3507
            POINT SOURCES               29              1           1612              3             46

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         DISTILLATE OIL                263            245           3681            294            800
         DIESEL FUEL                   263            283           3681            294            800
         TOTAL (INDUSTRIAL)            526            528           7362            588           1600
```

```
                POINT SOURCES                  0                13                 6                 0                 0
            DISTILLATE OIL
                AREA SOURCES                  23               333               254                12                58
                POINT SOURCES                  4               114                52                 2                11
            NATURAL GAS
                AREA SOURCES                   0                 0                 3                 0                 1
                POINT SOURCES                148                 9              1874               116               297
            OTHER
                POINT SOURCES                  5                 0                46                 4                 9
            TOTAL (COMM-INST)
                AREA SOURCES                 128               603               370                12                68
                POINT SOURCES                183               303              2042               126               326

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                1103              5771              9390              2716              1940
                POINT SOURCES               8684            162220             42265              1279              3865

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                        2                 0              1098               432               154
            TOTAL (INDUSTRIAL)                 2                 0              1098               432               154

        TOTAL (INTERNAL COMB)                  2                 0              1098               432               154

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                1103              5771              9390              2716              1940
                POINT SOURCES               8686            162220             43363              1711              4019
INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   392                40                68             10429                 1
    FOOD/AGRICULTURAL                        365                 0                 0              4491                 0
    SECONDARY METALS                         661               118                23              2458              1392
    MINERAL PRODUCTS                         512               347              1587               818                80
    PETROLEUM INDUSTRY                       106              1816               282               206               242
    WOOD PRODUCTS                            104                 0                 0                10                 0
    ORGANIC SOLVENT EVAPORATION               74                 0                19             16312                 0
    PETROLEUM STORAGE/TRANSPORT                1                 0                 0              1082                 0
    METAL FABRICATION                         92                 0                15                66                 2
    OTHER/NOT CLASSIFIED                      52               173                83                13               102
    TOTAL (INDUSTRIAL)                      2359              2494              2077             35885              1819

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               477               600               300               150               452
        TOTAL (GOVERNMENT)                   477               600               300               150               452

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  37                 1                 1               104               311
        OPEN BURNING                        1529                57               391              2062              6541
        TOTAL (RESIDENTIAL)                 1566                58               392              2166              6852

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  35                11                17                20                48
                POINT SOURCES                 17                21                26                26                84
        OPEN BURNING
```

```
*** 103 ***                                                                                  *** 103 ***
            NATURAL GAS
                AREA SOURCES                 576          29        6923         463        1160
                POINT SOURCES                  2           0          23           2           4
            TOTAL (COMM-INST)
                AREA SOURCES                3436       57702       18184         686        2353
                POINT SOURCES                320        1610        1405           6          76

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                6330       63384      209940       76088       36118
                POINT SOURCES              43141      119851      392708        6850       20516

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    51        1464         784          18         179
            NATURAL GAS                       46          16        6161         711         341
            TOTAL (ELEC GEN)                  97        1480        6945         729         520

        INDUSTRIAL FUEL

            DISTILLATE OIL                     5         100         108           9          24
            NATURAL GAS                      816         179       88813       28067       15722
            TOTAL (INDUSTRIAL)               821         279       88921       28076       15746

        TOTAL (INTERNAL COMB)                918        1759       95866       28805       16266

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                6330       63384      209940       76088       36118
                POINT SOURCES              44059      121610      488574       35655       36782

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             28883       28459       17870      191976      750444
    FOOD/AGRICULTURAL                   6376         287         303          11          58
    PRIMARY METAL                      21101        3223           0        6000       51659
    SECONDARY METALS                    1360        3223        1320          26        1385
    MINERAL PRODUCTS                   13092        9661        3777         165        9554
    PETROLEUM INDUSTRY                 14450       76078       73771       51021       62643
    WOOD PRODUCTS                      47994        7645        3133        1960       51493
    ORGANIC SOLVENT EVAPORATION           13           0           0       39555           0
    PETROLEUM STORAGE/TRANSPORT            0           0           0       37267           0
    METAL FABRICATION                     39           0           0           0           0
    OTHER/NOT CLASSIFIED                 978        5957        1750        3913         277
    TOTAL (INDUSTRIAL)                134286      134533      101924      331894      927513

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           961         200         160         120        2803
        TOTAL (GOVERNMENT)               961         200         160         120        2803

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            1114          11          28        3145        9422
        OPEN BURNING                    5785         221        1481        7809       24761
        TOTAL (RESIDENTIAL)             6899         232        1509       10954       34183

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES            138           2          41         187          43
```

```
*** I04 ***                                                                                            *** I04 ***
    AREA SOURCES                        299976          78527          324101          312521          1303790
    POINT SOURCES                       123748         236659          488791          311945           932405
    TOTAL                               423724         315186          812892          624466          2236195
```

```
*** I06 ***                                                                                            *** I06 ***
    TOTAL (MISCELLANEOUS)                   54426           2         172      134374        5903

GRAND TOTAL
***********

    AREA SOURCES                           167988       26764      178595      308698     1423907

    POINT SOURCES                           51377      272291      115250       36635      149260

    TOTAL                                  219365      299055      293845      345333     1573167
```

```
     ELECTRIC GENERATION

          DISTILLATE OIL                51            62            710            57           154
          NATURAL GAS                    0             0             48            20             6
          TOTAL (ELEC GEN)              51            62            758            77           160

     TOTAL (INTERNAL COMB)              51            62            758            77           160

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES             468          1132           1547           279          2598
              POINT SOURCES            935          9725           4099           134           345

INDUSTRIAL PROCESS (POINT)
***************************

   CHEMICAL MANUFACTURING              229             0             98           573             0
   MINERAL PRODUCTS                    367             0              0             0             0
   ORGANIC SOLVENT EVAPORATION           0             0              0           902             0
   PETROLEUM STORAGE/TRANSPORT           0             0              0            27             0
   TOTAL (INDUSTRIAL)                  596             0             98          1502             0

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION              3             0              0             8            26
       OPEN BURNING                    878            33            226          1184          3754
       TOTAL (RESIDENTIAL)             881            33            226          1192          3780

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES              0             0              0             0             1
       OPEN BURNING
               AREA SOURCES              5             0              0            10            20
       TOTAL (COMM-INST)
               AREA SOURCES              5             0              0            10            21

   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES              1             0              0             1             1
       OPEN BURNING
               AREA SOURCES              7             0              2            11            45
       TOTAL (INDUSTRIAL)
               AREA SOURCES              8             0              2            12            46

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES            894            33            228          1214          3847

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

       GASOLINE

           LIGHT DUTY VEHICLES        3767           285           6867          7397         54372
           LIGHT DUTY TRUCKS           968           103           2350          2316         14894
           HEAVY DUTY VEHICLES         271            37           1380          1161         15956
           OFF HIGHWAY                  35            18            344          1235         13239
           TOTAL (GASOLINE)           5041           443          10941         12109         98461

       DIESEL
```

```
*** I08 ***                                                                                       *** I08 ***
GRAND TOTAL
***********

   AREA SOURCES                    180440          40148         207193         510443        2217035

   POINT SOURCES                    20536         176784         123115          67058           6843

   TOTAL                           200976         216932         330308         577501        2223878
```

```
                 AREA SOURCES               234        3373        2577         117         586
                 POINT SOURCES               10         345         106           5          24
             NATURAL GAS
                 AREA SOURCES               103           6        1241          83         207
                 POINT SOURCES               46           3        1673          23          86
             TOTAL (COMM-INST)
                 AREA SOURCES               500        4587        4325         208         835
                 POINT SOURCES              433        5341        4637          76         348

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES              1836       13845       12433         852        4298
                 POINT SOURCES             4853       59435       51059         533        2663

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL                  21          20         295          24          64
             DIESEL                           8          57         113           9          26
             TOTAL (ELEC GEN)                29          77         408          33          90

         ENGINE-TESTING

             TOTAL (ENG TESTNG)              31          34          38         120          85

         TOTAL (INTERNAL COMB)               60         111         446         153         175

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES              1836       13845       12433         852        4298
                 POINT SOURCES             4913       59546       51505         686        2838
INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING                   1          13           0         623           0
     SECONDARY METALS                       908           0           0         594           0
     ORGANIC SOLVENT EVAPORATION              0           0           0       17139           0
     PETROLEUM STORAGE/TRANSPORT              0           0           0        3503           0
     TEXTILE MANUFACTURING                    0           0           0         277           0
     OTHER/NOT CLASSIFIED                     0           0           0          91           0
     TOTAL (INDUSTRIAL)                     909          13           0       22227           0

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION              1703          27          53        4788       14365
         TOTAL (RESIDENTIAL)               1703          27          53        4788       14365

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES               218          69         103         126         298
                 POINT SOURCES               23           2           6          23          69
         TOTAL (COMM-INST)
                 AREA SOURCES               218          69         103         126         298
                 POINT SOURCES               23           2           6          23          69

     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES                70          14          14          63          94
         TOTAL (INDUSTRIAL)
                 AREA SOURCES                70          14          14          63          94
```

```
*** I11 ***                                                                                                       *** I11 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                  ******************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                  *******************************

STATE/AQCR EMISSIONS REPORT                                                         RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:23 MICHIGAN       AQCR:124 METROPOLITAN TOLEDO                     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES         SOX             NOX             HC              CO
                                ************    ************    ************    ************    ************
                                 TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR
FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                  0               1               0               0               2
         DISTILLATE OIL                  10             116              72               4              20
         NATURAL GAS                     22               1             176              18              44
         WOOD                            19               0               1               4             135
         TOTAL (RESIDENTIAL)             51             118             249              26             201

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               8948          305034           65688            1012            3327
         DISTILLATE OIL                  20             513             384              14              54
         TOTAL (ELEC GEN)              8968          305547           66072            1026            3381

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               731            3681            1113              74             149
         DISTILLATE OIL
            POINT SOURCES                 0               0               1               0               0
         NATURAL GAS
            AREA SOURCES                  6               0             596             213              78
            POINT SOURCES                 3               0              40               1               4
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  6               0             596             213              78
            POINT SOURCES               734            3681            1154              75             153

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                  4               9               4               0               0
         RESIDUAL OIL
            AREA SOURCES                  1              10               5               0               0
         DISTILLATE OIL
            AREA SOURCES                  1              10               8               0               2
         NATURAL GAS
            AREA SOURCES                  6               0              71               5              12
         TOTAL (COMM-INST)
            AREA SOURCES                 12              29              88               5              14

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 69             147             933             244             293
            POINT SOURCES              9702          309228           67226            1101            3534
         RESIDUAL OIL                          44             575              94               7               3
         GASOLINE                               0              99             402           16216           50957
         TOTAL (VESSELS)                      155             812            1527           16493           51321

    TOTAL (TRANSPORTATION)                 104672           14919          210997          208187         1730371

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         1520              10             356            2141           12495
    STRUCTURAL FIRES                         1092               1             128             814            4423
    GASOLINE STA EVAP LOSS                      0               0               0           20583               0
    SOLVENT EVAPORATION LOSS                    0               0               0          146192               0
    UNPAVED ROADS                          893261               0               0               0               0
    UNPAVED AIRSTRIPS                           3               0               0               0               0
    TOTAL (MISCELLANEOUS)                  895876              11             484          169730           16918

GRAND TOTAL
***********

    AREA SOURCES                          1015154           31997          249772          401314         1824047

    POINT SOURCES                          122898          241403          131014           81255           47069

    TOTAL                                 1138052          273400          380786          482569         1871116
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                      0          0          1          0          0
            TOTAL (ELEC GEN)                    0          0          1          0          0

        TOTAL (INTERNAL COMB)                   0          0          1          0          0

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                   31        258        283         27         66
                POINT SOURCES                1081       2453        775        115        235

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                         488          0          0          0          0
    MINERAL PRODUCTS                            2          0          0          0          0
    PETROLEUM STORAGE/TRANSPORT                 0          0          0       1085          0
    TOTAL (INDUSTRIAL)                        490          0          0       1085          0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   38          1          1        106        319
        OPEN BURNING                           35          1          9         48        152
        TOTAL (RESIDENTIAL)                    73          2         10        154        471

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                   73          2         10        154        471

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES               895         36        897       1364      12058
            LIGHT DUTY TRUCKS                 256         14        328        457       3640
            HEAVY DUTY VEHICLES                75          7        227        288       3945
            OFF HIGHWAY                         9          5         87        312       3343
            TOTAL (GASOLINE)                 1235         62       1539       2421      22986

        DIESEL

            HEAVY DUTY VEHICLES               229        103       1074        147        401
            OFF HIGHWAY                        31         26        312         46         92
            RAIL                               12         27        174         44         61
            TOTAL (DIESEL)                    272        156       1560        237        554

    AIRCRAFT

        CIVIL                                   0          0          0          3        125
        TOTAL (AIRCRAFT)                        0          0          0          3        125

    VESSELS

        GASOLINE                                0          0          1         24         77
        TOTAL (VESSELS)                         0          0          1         24         77

    TOTAL (TRANSPORTATION)                   1507        218       3100       2685      23742
```

```
                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ******************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                            RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                                 AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:26 MISSOURI       AQCR:094 METROPOLITAN KANSAS CITY                  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                 PARTICULATES         SOX             NOX              HC               CO
                                 ************    ************    ************    ************    ************
                                  TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                  1              10               0              12               7
            DISTILLATE OIL                   6              64              39               8              11
            NATURAL GAS                    201              13            1603             204             401
            WOOD                            87               2               3              24             621
            TOTAL (RESIDENTIAL)            295              89            1645             248            1040

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               9685           64753           23213             559            1487
            RESIDUAL OIL                    17             579             807              14              31
            DISTILLATE OIL                   0             180              63               2              11
            NATURAL GAS                     59               8            4978              14             119
            TOTAL (ELEC GEN)              9761           65520           29061             589            1648

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               714            5433             953              89              62
            RESIDUAL OIL
                AREA SOURCES                 0               0               0               7               0
                POINT SOURCES              182            2041             572               9              48
            DISTILLATE OIL
                POINT SOURCES                0               5               2               0               0
            NATURAL GAS
                AREA SOURCES                32               1            2242             720             286
                POINT SOURCES              107               2            1013               6              43
            PROCESS GAS
                POINT SOURCES                0            2322               0               0               0
            LIQUID PETROL GAS
                POINT SOURCES                5               0              10               0               1
            OTHER
                POINT SOURCES              100               6             786              63             158
            TOTAL (INDUSTRIAL)
                AREA SOURCES               746            5434            3195             816             348
                POINT SOURCES              394            4376            2383              78             250

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               215             820             108               2              22
            RESIDUAL OIL
                AREA SOURCES               115            1600             403              10              34
                POINT SOURCES               17             218              58               2               5
```

```
   TOTAL                          734883       203810       118621       118762       468662
```

```
      TOTAL (INTERNAL COMB)            526          528          7362          588          1600

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               668         1434          3006          882          3507
            POINT SOURCES              555          529          8974          591          1646

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               43         3852             0          131             0
   PRIMARY METAL                       741       143614             0            0         43450
   MINERAL PRODUCTS                   6033         6251          2977          113           346
   WOOD PRODUCTS                        55            0             0            0             0
   OTHER/NOT CLASSIFIED                 16         1278             0            0             0
   TOTAL (INDUSTRIAL)                 6888       154995          2977          244         43796

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             195            3             5          545          1633
      OPEN BURNING                     283           11            72          380          1206
      TOTAL (RESIDENTIAL)              478           14            77          925          2839

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES              315            6            52          581          6864
      OPEN BURNING
            AREA SOURCES                 3            0             1            4            15
      TOTAL (INDUSTRIAL)
            AREA SOURCES                 3            0             1            4            15
            POINT SOURCES              315            6            52          581          6864

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               481           14            78          929          2854
            POINT SOURCES              315            6            52          581          6864

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          2832          117          2172         6194         66548
         LIGHT DUTY TRUCKS            1397           83          1386         3478         35260
         HEAVY DUTY VEHICLES           127           10           270          642         10740
         OFF HIGHWAY                    20           12           215          777          8320
         TOTAL (GASOLINE)             4376          222          4043        11091        120868

      DIESEL

         HEAVY DUTY VEHICLES           686          316          3317          878          1941
         OFF HIGHWAY                   156          130          1583          232           468
         RAIL                          188          426          2770          702           974
         TOTAL (DIESEL)               1030          872          7670         1812          3383

   AIRCRAFT

      MILITARY                          46            4            28           83           149
      CIVIL                              0            0             0           23          1026
      COMMERCIAL                         2            5            49           54           121
```

AREA SOURCES	2	0	1	5	13
TOTAL (COMM-INST)					
AREA SOURCES	37	11	18	25	61
POINT SOURCES	17	21	26	26	84
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	108	22	22	97	144
POINT SOURCES	14	7	19	9	31
OPEN BURNING					
AREA SOURCES	41	2	14	71	249
TOTAL (INDUSTRIAL)					
AREA SOURCES	149	24	36	168	393
POINT SOURCES	14	7	19	9	31
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1752	93	446	2359	7306
POINT SOURCES	508	628	345	185	567
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	14989	441	10572	18536	174113
LIGHT DUTY TRUCKS	2216	90	1996	3238	27097
HEAVY DUTY VEHICLES	969	66	2011	3257	44783
OFF HIGHWAY	36	19	356	1283	13764
TOTAL (GASOLINE)	18210	616	14935	26314	259757
DIESEL					
HEAVY DUTY VEHICLES	2601	986	9398	1474	4264
OFF HIGHWAY	179	150	1809	266	535
RAIL	232	528	3426	870	1204
TOTAL (DIESEL)	3012	1664	14633	2610	6003
AIRCRAFT					
MILITARY	31	3	19	56	100
CIVIL	1	1	2	25	1154
COMMERCIAL	20	43	404	452	1009
TOTAL (AIRCRAFT)	52	47	425	533	2263
VESSELS					
DIESEL FUEL	58	72	541	142	189
GASOLINE	0	1	3	138	434
TOTAL (VESSELS)	58	73	544	280	623
TOTAL (TRANSPORTATION)	21332	2400	30537	29737	268646
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	2	0	1	3	19
STRUCTURAL FIRES	199	1	24	149	809
GASOLINE STA EVAP LOSS	0	0	0	3563	0
SOLVENT EVAPORATION LOSS	0	0	0	20197	0
UNPAVED ROADS	9948	0	0	0	0
TOTAL (MISCELLANEOUS)	10149	1	25	23912	828
GRAND TOTAL					

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                      AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:18 KENTUCKY        AQCR:103 HUNTINGTON-ASHLAND-PORTSMOUTH-  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES          SOX            NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL          104             257              16             104             453
            DISTILLATE OIL             2              44              27               0               6
            NATURAL GAS               32               1             274              26              69
            WOOD                     200               3               9              41            1431
            TOTAL (RESIDENTIAL)      338             305             326             171            1959

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         6160           64551           46789             423            3224
            DISTILLATE OIL          1179               6           22500              18            1875
            TOTAL (ELEC GEN)        7339           64557           69289             441            5099

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         277            1820             497              13              31
                POINT SOURCES         24             242             107               8              14
            RESIDUAL OIL
                POINT SOURCES         98            1291             899              12              45
            DISTILLATE OIL
                AREA SOURCES          25             242             294              13              42
                POINT SOURCES          0              24              24               0               2
            NATURAL GAS
                AREA SOURCES          13               1            3275            1297             446
                POINT SOURCES          4               0             289               2               8
            PROCESS GAS
                POINT SOURCES         43            1005             179               8              13
            COKE
                POINT SOURCES        189             516             498               0              51
            LIQUID PETROL GAS
                POINT SOURCES          1               0              10               0               1
            OTHER
                POINT SOURCES          2              33              12               0               1
            TOTAL (INDUSTRIAL)
                AREA SOURCES         315            2063            4066            1323             519
                POINT SOURCES        361            3111            2018              30             135

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES          18              48              20               0               1
            BITUMINOUS COAL
```

```
     TOTAL (COMM-INST)
             POINT SOURCES              138          2         41        187         43

   INDUSTRIAL

     ON SITE INCINERATION
             POINT SOURCES             2857       2816        766        995       6628
     OPEN BURNING
             POINT SOURCES              424         10        104        487       2161
     TOTAL (INDUSTRIAL)
             POINT SOURCES             3281       2826        870       1482       8789

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES              6899        232       1509      10954      34183
             POINT SOURCES             4380       3028       1071       1789      11635

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES           70203       2912      65011      88976     764661
        LIGHT DUTY TRUCKS             17221       1056      22454      26855     197583
        HEAVY DUTY VEHICLES            5269        463      14642      17588     244233
        OFF HIGHWAY                     320        167       3168      11401     122284
        TOTAL (GASOLINE)              93013       4598     105275     144820    1328761

     DIESEL

        HEAVY DUTY VEHICLES           10560       4760      42794       5588      16797
        OFF HIGHWAY                    1774       1487      17927       2636       5303
        RAIL                            865       1961      12719       3233       4471
        TOTAL (DIESEL)                13199       8208      73440      11457      26571

   AIRCRAFT

     MILITARY                          1208        113        726       2149       3868
     CIVIL                                5          1          6        197       9154
     COMMERCIAL                          63        140       1315       1473       3284
     TOTAL (AIRCRAFT)                  1276        254       2047       3819      16306

   VESSELS

     DIESEL FUEL                       1211       1518      11307       2971       3959
     RESIDUAL OIL                      1206      15899       2613        180         87
     GASOLINE                             0        107        405      16437      51635
     TOTAL (VESSELS)                   2417      17524      14325      19588      55681

   TOTAL (TRANSPORTATION)            109905      30584     195087     179684    1427319

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    7414         62       1743      10461      61040
   FOREST MANAGED BURNING              5701         41       1141       5128      31916
   AGRICULTURAL BURNING               12330          0       1723      14571      81050
   STRUCTURAL FIRES                    1036          0        123        774       4210
   GASOLINE STA EVAP LOSS                 0          0          0      20415          0
   SOLVENT EVAPORATION LOSS               0          0          0      84557          0
   UNPAVED ROADS                     271661          0          0          0          0
   UNPAVED AIRSTRIPS                     73          0          0          0          0
   TOTAL (MISCELLANEOUS)             298215        103       4730     135906     178216

GRAND TOTAL
```

```
*** J05 ***                                                                                    *** J05 ***

                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT                                            RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:20 MAINE          AQCR:109 DOWN EAST                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                           PARTICULATES        SOX            NOX            HC             CO
                           ************    ************   ************   ************   ************
                            TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              3             10              0              0             33
         DISTILLATE OIL              78            896            560             32            156
         NATURAL GAS                  4              0             26              2              6
         WOOD                      2445             50             98            490          17595
         TOTAL (RESIDENTIAL)       2530            956            684            524          17790

      ELEC GENERATION (POINT)

         RESIDUAL OIL                67            716            212              2             10
         TOTAL (ELEC GEN)            67            716            212              2             10

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              1              5              1              0              0
         BITUMINOUS COAL
            AREA SOURCES             19            133             35              1              2
         RESIDUAL OIL
            POINT SOURCES          2455          38586           5932            101            509
         DISTILLATE OIL
            AREA SOURCES              0              8              9              0              1
            POINT SOURCES             1             87             32              1              7
         NATURAL GAS
            AREA SOURCES              0              0             17              0              2
         COKE
            AREA SOURCES              1              2              1              0              0
         WOOD
            POINT SOURCES          2834            459           3059            611            611
         TOTAL (INDUSTRIAL)
            AREA SOURCES             21            148             63              1              5
            POINT SOURCES          5290          39132           9023            713           1127

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES            76            922            166              3             14
         DISTILLATE OIL
            AREA SOURCES              6             97             74              4             16
            POINT SOURCES             1             43              7              0              2
         NATURAL GAS
            AREA SOURCES              2              0             31              1              6
         TOTAL (COMM-INST)
```

```
          HEAVY DUTY VEHICLES              618           375          3605           343           981
          OFF HIGHWAY                      276           231          2793           409           825
          RAIL                              36            78           507           127           179
          TOTAL (DIESEL)                   930           684          6905           879          1985

    AIRCRAFT

        CIVIL                                0             0             0            16           705
        TOTAL (AIRCRAFT)                     0             0             0            16           705

    VESSELS

        GASOLINE                             0            37           147          5944         18673
        TOTAL (VESSELS)                      0            37           147          5944         18673

    TOTAL (TRANSPORTATION)                5971          1164         17993         18948        119824

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        28             0             6            39           225
    AGRICULTURAL BURNING                    46             0             6            54           303
    STRUCTURAL FIRES                       525             1            64           391          2130
    GASOLINE STA EVAP LOSS                   0             0             0          1502             0
    SOLVENT EVAPORATION LOSS                 0             0             0          9598             0
    UNPAVED ROADS                         7658             0             0             0             0
    TOTAL (MISCELLANEOUS)                 8257             1            76         11584          2658

GRAND TOTAL
***********

    AREA SOURCES                         15590          2330         19844         32025        128927

    POINT SOURCES                         1531          9725          4197          1636           345

    TOTAL                                17121         12055         24041         33661        129272
```

```
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                1991               110               170              4977             14757
                POINT SOURCES                 23                 2                 6                23                69

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            65036              1914             46844             79575            765706
            LIGHT DUTY TRUCKS               6188               251              5586              8955             76434
            HEAVY DUTY VEHICLES             2647               180              5713              9629            131472
            OFF HIGHWAY                      105                55              1034              3722             39919
            TOTAL (GASOLINE)               73976              2400             59177            101881           1013531

        DIESEL

            HEAVY DUTY VEHICLES             4399              1667             16891              2750              7711
            OFF HIGHWAY                      205               172              2073               305               614
            RAIL                              68               155              1008               256               354
            TOTAL (DIESEL)                  4672              1994             19972              3311              8679

    AIRCRAFT

        MILITARY                             100                 9                60               178               320
        CIVIL                                  3                 2                 4                66              3005
        COMMERCIAL                            79               173              1617              1809              4035
        TOTAL (AIRCRAFT)                     182               184              1681              2053              7360

    VESSELS

        DIESEL FUEL                           48                59               444               116               155
        RESIDUAL OIL                          75               990               163                11                 5
        GASOLINE                               0                15                58              2335              7335
        TOTAL (VESSELS)                      123              1064               665              2462              7495

    TOTAL (TRANSPORTATION)                 78953              5642             81495            109707           1037065

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         264                 2                62               373              2174
    STRUCTURAL FIRES                         879                 2               104               657              3576
    GASOLINE STA EVAP LOSS                     0                 0                 0              7475                 0
    SOLVENT EVAPORATION LOSS                   0                 0                 0            109926                 0
    UNPAVED ROADS                           2307                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)                   3450                 4               166            118431              5750

GRAND TOTAL
***********

    AREA SOURCES                           86230             19601             94264            233967           1061870

    POINT SOURCES                           5845             59561             51511             22936              2907

    TOTAL                                  92075             79162            145775            256903           1064777
```

```
*** J10 ***                                                                                   *** J10 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:23 MICHIGAN       AQCR:082 SOUTH BEND-ELKHART-BENTON HARB  POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               0              1              0              0              4
         DISTILLATE OIL               25            290            181             11             51
         NATURAL GAS                  44              3            355             36             89
         WOOD                         97              3              4             20            693
         TOTAL (RESIDENTIAL)         166            297            540             67            837

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            233            718            261             17             34
         NATURAL GAS
            AREA SOURCES              11              1           1160            415            153
         TOTAL (INDUSTRIAL)
            AREA SOURCES              11              1           1160            415            153
            POINT SOURCES            233            718            261             17             34

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              11             28             12              0              1
         RESIDUAL OIL
            AREA SOURCES               4             28             14              0              1
         DISTILLATE OIL
            AREA SOURCES               1             31             23              1              5
         NATURAL GAS
            AREA SOURCES              20              1            235             17             39
         TOTAL (COMM-INST)
            AREA SOURCES              36             88            284             18             46

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             213            386           1984            500           1036
            POINT SOURCES            233            718            261             17             34

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES             213            386           1984            500           1036
            POINT SOURCES            233            718            261             17             34

INDUSTRIAL PROCESS (POINT)
**************************

   SECONDARY METALS                  324              0             15              0           4848
```

```
*** J11 ***                                                                                  *** J11 ***
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    23            80           316             0             0
            TOTAL (ELEC GEN)                  23            80           316             0             0

        TOTAL (INTERNAL COMB)                 23            80           316             0             0

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  69           147           933           244           293
                POINT SOURCES               9725        309308         67542          1101          3534

INDUSTRIAL PROCESS (POINT)
**************************

    PRIMARY METAL                              0             0             0            52             0
    SECONDARY METALS                           4             0             1             0           140
    MINERAL PRODUCTS                        1501          8246          1261             0             0
    ORGANIC SOLVENT EVAPORATION                2             0             0           712             0
    PETROLEUM STORAGE/TRANSPORT                0             0             0           261             0
    TOTAL (INDUSTRIAL)                      1507          8246          1262          1025           140

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  81             1             3           228           684
        OPEN BURNING                         147             5            38           199           630
        TOTAL (RESIDENTIAL)                  228             6            41           427          1314

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  15             5             7             9            21
        OPEN BURNING
                AREA SOURCES                   1             0             0             2             4
        TOTAL (COMM-INST)
                AREA SOURCES                  16             5             7            11            25

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   3             1             1             2             3
        OPEN BURNING
                AREA SOURCES                   1             0             0             1             5
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   4             1             1             3             8

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 248            12            49           441          1347

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             1896           109          2571          2836         23433
            LIGHT DUTY TRUCKS                544            43           999          1047          7517
            HEAVY DUTY VEHICLES               81             9           338           338          4616
            OFF HIGHWAY                       12             6           118           426          4574
            TOTAL (GASOLINE)                2533           167          4026          4647         40140
```

MISCELLANEOUS (AREA)
****

STRUCTURAL FIRES	13	0	2	10	54
GASOLINE STA EVAP LOSS	0	0	0	293	0
SOLVENT EVAPORATION LOSS	0	0	0	671	0
UNPAVED ROADS	19876	0	0	0	0
TOTAL (MISCELLANEOUS)	19889	0	2	974	54

GRAND TOTAL
****

AREA SOURCES	21500	478	3395	3840	24333
POINT SOURCES	1571	2453	775	1200	235
TOTAL	23071	2931	4170	5040	24568

```
*** J14 ***                                                                                                *** J14 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE EMISSIONS REPORT                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
******************************                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 25:MISSISSIPPI                                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES        SOX             NOX              HC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             8              55               0               8              40
            DISTILLATE OIL              1              64              34               0               4
            NATURAL GAS               240               4            1891             195             482
            WOOD                     4580              94             184             924           32904
            TOTAL (RESIDENTIAL)      4829             217            2109            1127           33430

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          4941          123350           33498             503            2566
            RESIDUAL OIL             6263          123540           20879             323            1546
            DISTILLATE OIL             39            1929             398              40             125
            NATURAL GAS              1091             404           12123             241             996
            TOTAL (ELEC GEN)        12334          249223           66898            1107            5233

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          366            3936             692              13              38
            RESIDUAL OIL
                AREA SOURCES         1620           28233            5615              90             467
                POINT SOURCES        1610           30248            4279            1684            1856
            DISTILLATE OIL
                AREA SOURCES            3              87             113               0               7
                POINT SOURCES         254            8946            1070            1653            1692
            NATURAL GAS
                AREA SOURCES          467              21           67688           25632            9052
                POINT SOURCES         255            1913           10888            1647            5578
            WOOD
                POINT SOURCES        1242            4364            6092            7621            4478
            TOTAL (INDUSTRIAL)
                AREA SOURCES         2456           32277           74108           25735            9564
                POINT SOURCES        3361           45471           22329           12605           13604

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            0               4               0               0               0
            RESIDUAL OIL
                AREA SOURCES         1774           31361            6236             102             520
            DISTILLATE OIL
                AREA SOURCES            3             109              81               1              15
            NATURAL GAS
                AREA SOURCES          134               3            1633             104             278
```

```
*** J15 ***                                                                                                         *** J15 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                           AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:25 MISSISSIPPI     AQCR:135 NORTHEAST MISSISSIPPI              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES          SOX              NOX               HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                6               39                0                6               30
            DISTILLATE OIL                 0               19               11                0                1
            NATURAL GAS                   71                0              563               57              145
            WOOD                        1998               42               80              404            14346
            TOTAL (RESIDENTIAL)         2075              100              654              467            14522

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              96             1037              182                2                8
            RESIDUAL OIL
                AREA SOURCES             406             7083             1409               23              117
            DISTILLATE OIL
                AREA SOURCES               0               28               38                0                2
            NATURAL GAS
                AREA SOURCES             125                3            18010             6821             2407
                POINT SOURCES             15                1              176                4               20
            WOOD
                POINT SOURCES            355              153             3822              205              205
            TOTAL (INDUSTRIAL)
                AREA SOURCES             627             8151            19639             6846             2534
                POINT SOURCES            370              154             3998              209              225

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               0                2                0                0                0
            RESIDUAL OIL
                AREA SOURCES             398             7045             1401               23              117
            DISTILLATE OIL
                AREA SOURCES               0               24               18                0                2
            NATURAL GAS
                AREA SOURCES              30                0              362               23               62
            TOTAL (COMM-INST)
                AREA SOURCES             428             7071             1781               46              181

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            3130            15322            22074             7359            17237
                POINT SOURCES            370              154             3998              209              225

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            3130            15322            22074             7359            17237
```

```
*** J16 ***                                                                                         *** J16 ***
            DISTILLATE OIL
                AREA SOURCES                 13          197          151           30           35
                POINT SOURCES                 0            1            0            0            0
            NATURAL GAS
                AREA SOURCES                112            6         1333           71          222
                POINT SOURCES                11            1          801            1           20
            TOTAL (COMM-INST)
                AREA SOURCES                455         2623         1995          113          313
                POINT SOURCES                28          220          859            3           25

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               1496         8146         6835         1177         1701
                POINT SOURCES             10183        70116        32303          670         1923

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    9           45           99           30           79
            NATURAL GAS                       0            0            0           22           60
            TOTAL (ELEC GEN)                  9           45           99           52          139

        TOTAL (INTERNAL COMB)                 9           45           99           52          139

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               1496         8146         6835         1177         1701
                POINT SOURCES             10192        70161        32402          722         2062

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               27         8377            2           21            0
    FOOD/AGRICULTURAL                  6866          109            0            0            0
    PRIMARY METAL                       200            0            0            0            0
    SECONDARY METALS                     61            6           91            8          374
    MINERAL PRODUCTS                  14960          298          360           15           38
    PETROLEUM INDUSTRY                  297         5293         1401         1904           50
    ORGANIC SOLVENT EVAPORATION           9            0            0        55928            0
    PETROLEUM STORAGE/TRANSPORT           0            0            0         2861            0
    METAL FABRICATION                   100            0            0          173            0
    OTHER/NOT CLASSIFIED                 29            2            7            2            2
    TOTAL (INDUSTRIAL)                22549        14085         1861        60912          464

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           2775           43           86         7804        23410
        OPEN BURNING                   3422          127          875         4616        14641
        TOTAL (RESIDENTIAL)            6197          170          961        12420        38051

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              2            0            1            1            2
        OPEN BURNING
                AREA SOURCES              7            0            2           14           33
        TOTAL (COMM-INST)
                AREA SOURCES              9            0            3           15           35

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              1            0            0            1            1
```

TOTAL (AIRCRAFT)	48	9	77	160	1296
VESSELS					
GASOLINE	0	0	3	144	450
TOTAL (VESSELS)	0	0	3	144	450
TOTAL (TRANSPORTATION)	5454	1103	11793	13207	125997
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1433	13	338	2019	11789
FOREST MANAGED BURNING	33599	252	6721	30241	188155
STRUCTURAL FIRES	49	0	4	35	195
GASOLINE STA EVAP LOSS	0	0	0	1111	0
SOLVENT EVAPORATION LOSS	0	0	0	2631	0
UNPAVED ROADS	105369	0	0	0	0
UNPAVED AIRSTRIPS	23	0	0	0	0
TOTAL (MISCELLANEOUS)	140473	265	7063	36037	200139
GRAND TOTAL ***********					
AREA SOURCES	147076	2816	21940	51055	332497
POINT SOURCES	7758	155530	12003	1416	52306
TOTAL	154834	158346	33943	52471	384803

```
*** K01 ***                                                                                                    *** K01 ***
***********
    AREA SOURCES                          34336          8265         40398         58724        278720
    POINT SOURCES                         11553        165342         45785         37781          6405
    TOTAL                                 45889        173607         86183         96505        285125
```

```
                POINT SOURCES               18               116                54                 3                 7
            RESIDUAL OIL
                AREA SOURCES                 0                 1                 0                 0                 0
            DISTILLATE OIL
                AREA SOURCES                 2                53                41                 1                 9
            NATURAL GAS
                POINT SOURCES                0                 0                 4                 0                 1
            TOTAL (COMM-INST)
                AREA SOURCES                20               102                61                 1                10
                POINT SOURCES               18               116                58                 3                 8

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               673              2470              4453              1495              2488
                POINT SOURCES             7718             67784             71365               474              5242

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               673              2470              4453              1495              2488
                POINT SOURCES             7718             67784             71365               474              5242

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING         511             13032                78              1313               105
    FOOD/AGRICULTURAL               28                 0                 0                 0                 0
    PRIMARY METAL                 8457               985               911              2612             12967
    SECONDARY METALS                69                 0                 1                 0                 0
    MINERAL PRODUCTS              4329                63               569                 8                53
    PETROLEUM INDUSTRY            1073             13340              3205              7420              6208
    WOOD PRODUCTS                  269                 0                 0                37                 0
    ORGANIC SOLVENT EVAPORATION      8                 0                 5               424                 0
    PETROLEUM STORAGE/TRANSPORT      0                 0                 0              3411                 0
    METAL FABRICATION               10                 0                22               107                 2
    TEXTILE MANUFACTURING            2                 0                 5                 0                 0
    OTHER/NOT CLASSIFIED            26               268               529                12                73
    TOTAL (INDUSTRIAL)           14782             27688              5325             15344             19408

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION        13                 0                 0                35               114
        OPEN BURNING               523                20               133               704              2236
        TOTAL (RESIDENTIAL)        536                20               133               739              2350

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 5                 1                 2                 3                11
                POINT SOURCES                0                 0                 1                 0                 1
        TOTAL (COMM-INST)
                AREA SOURCES                 5                 1                 2                 3                11
                POINT SOURCES                0                 0                 1                 0                 1

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                12                 2                 2                11                17
                POINT SOURCES               26                 2                10                88              1036
        OPEN BURNING
                AREA SOURCES                 5                 0                 1                 7                30
        TOTAL (INDUSTRIAL)
                AREA SOURCES                17                 2                 3                18                47
                POINT SOURCES               26                 2                10                88              1036
```

```
*** K03 ***                                                                                              *** K03 ***
***********

    AREA SOURCES                         421349         94303        411266        402632       1675836

    POINT SOURCES                        182725        259171        591569        369338        975930

    TOTAL                                604074        353474       1002835        771970       2651766
```

```
*** K04 ***                                                                                         *** K04 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                           *******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                           *********************************

STATE EMISSIONS REPORT                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 20:MAINE                                                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                            PARTICULATES        SOX             NOX             HC              CO
                            ************    ************    ************    ************    ************
                             TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              18              51               3               2             169
         DISTILLATE OIL              377            4347            2719             153             756
         NATURAL GAS                  19               0             140              11              35
         WOOD                       7782             157             312            1559           56007
         TOTAL (RESIDENTIAL)        8196            4555            3174            1725           56967

      ELEC GENERATION (POINT)

         RESIDUAL OIL                560           15964            5276              50             251
         DISTILLATE OIL                0               3               3               0               0
         TOTAL (ELEC GEN)            560           15967            5279              50             251

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               5              21               7               0               0
         BITUMINOUS COAL
            AREA SOURCES             110             760             201               4              12
         RESIDUAL OIL
            POINT SOURCES           6973          104446           17665             309            1479
         DISTILLATE OIL
            AREA SOURCES               3              40              49               0               6
            POINT SOURCES            120            1031             110               4              24
         NATURAL GAS
            AREA SOURCES               5               0             106               0              10
            POINT SOURCES              0               0               1               0               0
         COKE
            AREA SOURCES               5              12               4               0               0
         WOOD
            POINT SOURCES           7593            1192            7944            1587            1587
         OTHER
            POINT SOURCES              0               1               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             128             833             367               4              28
            POINT SOURCES          14686          106670           25720            1900            3090

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            125             519             189               3              11
         RESIDUAL OIL
            POINT SOURCES            645            7164            1557              26             131
```

```
*** K05 ***                                                                                    *** K05 ***
                    AREA SOURCES               8            97            105             5            22
                    POINT SOURCES             77           965            173             3            16

          TOTAL (EXTERNAL COMB)
                    AREA SOURCES            2559          1201            852           530         17817
                    POINT SOURCES           5434         40813           9408           718          1153

      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

              DISTILLATE OIL                   0             1              6             1             1
              TOTAL (ELEC GEN)                 0             1              6             1             1

          TOTAL (INTERNAL COMB)                0             1              6             1             1

      TOTAL (FUEL COMBUSTION)

                    AREA SOURCES            2559          1201            852           530         17817
                    POINT SOURCES           5434         40814           9414           719          1154

INDUSTRIAL PROCESS (POINT)
****************************

      SECONDARY METALS                         1             0              0             0             3
      MINERAL PRODUCTS                       231            29              7             0             0
      WOOD PRODUCTS                         3728          8372            471             1         12038
      ORGANIC SOLVENT EVAPORATION              0             0              0           281             0
      PETROLEUM STORAGE/TRANSPORT              0             0              0          8382             0
      OTHER/NOT CLASSIFIED                     0           323              0             0             0
      TOTAL (INDUSTRIAL)                    3960          8724            478          8664         12041

SOLID WASTE DISPOSAL
********************

      GOVERNMENT (POINT)

          OPEN BURNING                       523            34            195           980          2776
          TOTAL (GOVERNMENT)                 523            34            195           980          2776

      RESIDENTIAL (AREA)

          ON SITE INCINERATION               145             1              5           408          1222
          OPEN BURNING                       454            17            117           614          1946
          TOTAL (RESIDENTIAL)                599            18            122          1022          3168

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    AREA SOURCES              35            11             17            21            48
                    POINT SOURCES              3             2              2             1             2
          OPEN BURNING
                    AREA SOURCES               1             0              0             2             4
          TOTAL (COMM-INST)
                    AREA SOURCES              36            11             17            23            52
                    POINT SOURCES              3             2              2             1             2

      INDUSTRIAL

          ON SITE INCINERATION
                    AREA SOURCES               6             1              1             6             7
                    POINT SOURCES              1             0              1             1             2
          OPEN BURNING
                    AREA SOURCES               5             0              2             9            30
                    POINT SOURCES            534            33            198           997          2863
          TOTAL (INDUSTRIAL)
```

```
*** K06 ***                                                                                                  *** K06 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:21 MARYLAND        AQCR:047 NATIONAL CAPITAL                POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES          SOX               NOX               HC                CO
                              ************      ************      ************      ************      ************
                               TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                3                 7                 0                 0                24
         BITUMINOUS COAL                5                16                 0                 5                19
         DISTILLATE OIL               112              1288               805                44               223
         NATURAL GAS                  140                 8              1118               112               280
         WOOD                         159                 3                 6                32              1143
         TOTAL (RESIDENTIAL)          419              1322              1929               193              1689

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            22182             51720             18597               310              1033
         DISTILLATE OIL                95              3668              2579                86               430
         TOTAL (ELEC GEN)           22277             55388             21176               396              1463

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES              16               264               100                 3                13
         DISTILLATE OIL
            AREA SOURCES               17               162               197                11                28
            POINT SOURCES               3                12                28                 1                 6
         NATURAL GAS
            AREA SOURCES               28                 1              1259               338               154
         TOTAL (INDUSTRIAL)
            AREA SOURCES               45               163              1456               349               182
            POINT SOURCES              19               276               128                 4                19

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              158               356                69                 5                15
         RESIDUAL OIL
            POINT SOURCES              64              2069              1011                16                84
         DISTILLATE OIL
            AREA SOURCES               40               579               443                20               101
            POINT SOURCES              37                27               407                19                93
         NATURAL GAS
            AREA SOURCES               50                 3               590                39                98
            POINT SOURCES               1                 0               165                 0                 4
         TOTAL (COMM-INST)
            AREA SOURCES              248               938              1102                64               214
            POINT SOURCES             102              2096              1583                35               181

      TOTAL (EXTERNAL COMB)
```

```
*** K08 ***                                                                                        *** K08 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:22 MASSACHUSETTS   AQCR:042 HARTFORD-NEW HAVEN-SPRINGFIELD     POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                                  PARTICULATES      SOX           NOX            HC            CO
                                  ************  ************  ************  ************  ************
                                    TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                 17            44             5             4           149
            DISTILLATE OIL                 161          1858          1161            65           323
            NATURAL GAS                     29             2           233            23            58
            WOOD                           413             8            17            83          2970
            TOTAL (RESIDENTIAL)            620          1912          1416           175          3500

        ELEC GENERATION (POINT)

            RESIDUAL OIL                   684          8370          4979           163           237
            NATURAL GAS                     17             1          1162             2            28
            TOTAL (ELEC GEN)               701          8371          6141           165           265

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                76           535           141             4             9
                POINT SOURCES              638           145           151             2             7
            RESIDUAL OIL
                POINT SOURCES              329          4359          1645            64           137
            DISTILLATE OIL
                AREA SOURCES                19           186           226            12            32
                POINT SOURCES                0             4             2             0             0
            NATURAL GAS
                AREA SOURCES                18             1           481            72            52
                POINT SOURCES                5             0           165             1             8
            TOTAL (INDUSTRIAL)
                AREA SOURCES               113           722           848            88            93
                POINT SOURCES              972          4508          1963            67           152

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                 5            13             6             0             0
            BITUMINOUS COAL
                POINT SOURCES              966           734           290            19            39
            RESIDUAL OIL
                AREA SOURCES                24           197            83             1             7
                POINT SOURCES              131          1733           644            11            54
            DISTILLATE OIL
                AREA SOURCES                40           582           445            20           101
                POINT SOURCES                1            19             9             0             2
            NATURAL GAS
```

```
    MINERAL PRODUCTS                         26            7            0          0          0
    ORGANIC SOLVENT EVAPORATION               3            0            0       2790          0
    PETROLEUM STORAGE/TRANSPORT               0            0            0        153          0
    OTHER/NOT CLASSIFIED                      0           28            0          0          0
    TOTAL (INDUSTRIAL)                      353           35           15       2943       4848

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                193            2            7        539       1618
        OPEN BURNING                        290           10           74        391       1242
        TOTAL (RESIDENTIAL)                 483           12           81        930       2860

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 37           11           17         21         51
                POINT SOURCES                 3            1            1         40        120
        OPEN BURNING
                AREA SOURCES                  1            0            0          2          4
        TOTAL (COMM-INST)
                AREA SOURCES                 38           11           17         23         55
                POINT SOURCES                 3            1            1         40        120

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  7            1            1          7         11
        OPEN BURNING
                AREA SOURCES                  2            0            1          3         10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  9            1            2         10         21

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                530           24          100        963       2936
                POINT SOURCES                 3            1            1         40        120

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            4767          264         6356       7330      60647
            LIGHT DUTY TRUCKS              1449          113         2610       2812      20298
            HEAVY DUTY VEHICLES             200           22          817        808      11104
            OFF HIGHWAY                      37           19          373       1341      14382
            TOTAL (GASOLINE)               6453          418        10156      12291     106431

        DIESEL

            HEAVY DUTY VEHICLES             339          176         1784        206        574
            OFF HIGHWAY                     219          185         2223        326        658
            RAIL                             29           65          429        109        151
            TOTAL (DIESEL)                  587          426         4436        641       1383

    AIRCRAFT

        CIVIL                                 0            0            0         11        508
        COMMERCIAL                            1            2           15         16         36
        TOTAL (AIRCRAFT)                      1            2           15         27        544

    VESSELS
```

```
     DIESEL

         HEAVY DUTY VEHICLES            190          101         1031          116          322
         OFF HIGHWAY                     74           62          750          110          222
         RAIL                            14           31          200           51           70
         TOTAL (DIESEL)                 278          194         1981          277          614

   AIRCRAFT

      CIVIL                               0            0            0            7          310
      TOTAL (AIRCRAFT)                    0            0            0            7          310

   VESSELS

      RESIDUAL OIL                        5           64           10            1            0
      GASOLINE                            0            1            3          132          413
      TOTAL (VESSELS)                     5           65           13          133          413

   TOTAL (TRANSPORTATION)              2816          426         6020         5064        41477

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                      34            0            4           25          138
   GASOLINE STA EVAP LOSS                 0            0            0          376            0
   SOLVENT EVAPORATION LOSS               0            0            0         4291            0
   UNPAVED ROADS                       8390            0            0            0            0
   TOTAL (MISCELLANEOUS)               8424            0            4         4692          138

GRAND TOTAL
***********

   AREA SOURCES                       11557          585         7006        10441        43255

   POINT SOURCES                      11232       317554        68804         2126         3674

   TOTAL                              22789       318139        75810        12567        46929
```

```
*** K12 ***                                                                                                                *** K12 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                  ********************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                  *********************************

STATE/AQCR EMISSIONS REPORT                                                                    RUN DATE:  TUESDAY    JANUARY 26, 1982
*****************************                                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:24 MINNESOTA        AQCR:127 CENTRAL MINNESOTA                              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                    PARTICULATES          SOX               NOX                HC                 CO
                                    ************      ************      ************      ************      ************
                                     TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                    81               941               587                32               164
            NATURAL GAS                       45                 2               345                36                87
            WOOD                             242                 5                10                49              1737
            TOTAL (RESIDENTIAL)              368               948               942               117              1988

        ELEC GENERATION (POINT)

            LIGNITE                         1555             29386             33822               735              2434
            DISTILLATE OIL                     0                30                13                 0                 2
            TOTAL (ELEC GEN)                1555             29416             33835               735              2436

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                  34               105                56                 1                 2
                POINT SOURCES                 87               461               210                14                28
            RESIDUAL OIL
                POINT SOURCES                 38               505                77                 1                 6
            DISTILLATE OIL
                AREA SOURCES                   8                75                93                 4                13
            NATURAL GAS
                AREA SOURCES                  15                 0               937               294               118
                POINT SOURCES                  3                 0               246                 1                12
            WOOD
                POINT SOURCES                  9                36               243                49                49
            OTHER
                POINT SOURCES                  0                 3                 4                 0                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES                  57               180              1086               299               133
                POINT SOURCES                137              1005               780                65                96

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                   1                 2                 1                 0                 0
            LIGNITE
                POINT SOURCES                120                61                26                 4                 9
            RESIDUAL OIL
                POINT SOURCES                 23               302                48                 1                 4
            DISTILLATE OIL
                AREA SOURCES                  15               218               166                 7                38
                POINT SOURCES                  0                 5                 1                 0                 0
```

```
*** K14 ***                                                                                   *** K14 ***
          TOTAL (COMM-INST)
             AREA SOURCES                  1911         31477          7950           207           813

       TOTAL (EXTERNAL COMB)
             AREA SOURCES                  9196         63971         84167         27069         43807
             POINT SOURCES                15695        294694         89227         13712         18837

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES                  9196         63971         84167         27069         43807
             POINT SOURCES                15695        294694         89227         13712         18837

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                 3292         35274          4933          1439         20073
    FOOD/AGRICULTURAL                       519            19            51          1084             6
    PRIMARY METAL                            80           777             0             0             0
    SECONDARY METALS                        118           471             0           567             0
    MINERAL PRODUCTS                       3597          6519          2008            48           380
    PETROLEUM INDUSTRY                     2106         26766          6056         14471         24076
    WOOD PRODUCTS                          5121          6291          4778          1544         12040
    ORGANIC SOLVENT EVAPORATION              63             2            16         11500          2048
    PETROLEUM STORAGE/TRANSPORT             156             0             0          7312             0
    METAL FABRICATION                         0             0             0           801             0
    OTHER/NOT CLASSIFIED                      0           461             0             0             0
    TOTAL (INDUSTRIAL)                    15052         76580         17842         38766         58623

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                1536            11            39          4310         12930
       OPEN BURNING                        5723           215          1461          7714         24457
       TOTAL (RESIDENTIAL)                 7259           226          1500         12024         37387

    COMMERCIAL-INSTITUTIONAL

       OPEN BURNING
             AREA SOURCES                     6             0             1            11            25
       TOTAL (COMM-INST)
             AREA SOURCES                     6             0             1            11            25

    INDUSTRIAL

       OPEN BURNING
             AREA SOURCES                    69             1            17           105           400
       TOTAL (INDUSTRIAL)
             AREA SOURCES                    69             1            17           105           400

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES                  7334           227          1518         12140         37812

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES             33913          1738         40587         51943        419353
          LIGHT DUTY TRUCKS                8425           656         14257         15945        110605
          HEAVY DUTY VEHICLES              2717           290          9754         10106        139156
          OFF HIGHWAY                       254           138          2511          9035         96889
          TOTAL (GASOLINE)                45309          2822         67109         87029        766003
```

```
*** K15 ***                                                                                          *** K15 ***
            POINT SOURCES                370            154            3998            209            225

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               133              0               0              0          19973
    FOOD/AGRICULTURAL                     37              0              16              0              0
    SECONDARY METALS                       0              0               0            409              0
    MINERAL PRODUCTS                    1240           3475             284              8             27
    WOOD PRODUCTS                        953            186            1385            398            277
    ORGANIC SOLVENT EVAPORATION            0              0               0           6245              0
    METAL FABRICATION                      0              0               0            801              0
    TOTAL (INDUSTRIAL)                  2363           3661            1685           7861          20277

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             443              2               9           1240           3720
        OPEN BURNING                    1656             63             423           2234           7079
        TOTAL (RESIDENTIAL)             2099             65             432           3474          10799

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES              12              0               1             14             65
        TOTAL (INDUSTRIAL)
                AREA SOURCES              12              0               1             14             65

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            2111             65             433           3488          10864

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         7729            489           11830          14223         107809
            LIGHT DUTY TRUCKS           2331            213            4687           4983          33024
            HEAVY DUTY VEHICLES          762             94            3210           2963          40755
            OFF HIGHWAY                   88             48             901           3246          34821
            TOTAL (GASOLINE)           10910            844           20628          25415         216409

        DIESEL

            HEAVY DUTY VEHICLES         1599            855            7772            841           2495
            OFF HIGHWAY                  689            574            6938           1023           2055
            RAIL                         100            224            1450            367            508
            TOTAL (DIESEL)              2388           1653           16160           2231           5058

    AIRCRAFT

        MILITARY                         357             34             215            635           1144
        CIVIL                              0              0               0             25           1175
        TOTAL (AIRCRAFT)                 357             34             215            660           2319

    VESSELS

        GASOLINE                           0             10              36           1505           4726
        TOTAL (VESSELS)                    0             10              36           1505           4726

    TOTAL (TRANSPORTATION)             13655           2541           37039          29811         228512
```

```
*** K16 ***                                                                                          *** K16 ***
          OPEN BURNING
                    AREA SOURCES               54            2           17           92          324
          TOTAL (INDUSTRIAL)
                    AREA SOURCES               55            2           17           93          325

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES             6261          172          981        12528        38411

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES          22347          690        16132        26582       250237
               LIGHT DUTY TRUCKS             4747          211         4636         6982        57561
               HEAVY DUTY VEHICLES           1183           88         2730         4219        56836
               OFF HIGHWAY                     61           32          606         2179        23366
               TOTAL (GASOLINE)             28338         1021        24104        39962       388000

          DIESEL

               HEAVY DUTY VEHICLES           3224         1238        12070         1904         5453
               OFF HIGHWAY                    227          190         2287          337          677
               RAIL                           342          779         5061         1285         1780
               TOTAL (DIESEL)                3793         2207        19418         3526         7910

     AIRCRAFT

          MILITARY                             99            9           61          176          318
          CIVIL                                 1            0            1           36         1614
          COMMERCIAL                           46          101          943         1055         2353
          TOTAL (AIRCRAFT)                    146          110         1005         1267         4285

     VESSELS

          DIESEL FUEL                           7           10           71           19           26
          GASOLINE                              0            1           10          369         1160
          TOTAL (VESSELS)                       7           11           81          388         1186

     TOTAL (TRANSPORTATION)                 32284         3349        44608        45143       401381

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                          76            0           16          107          621
     STRUCTURAL FIRES                         272            1           32          204         1109
     GASOLINE STA EVAP LOSS                     0            0            0         5262            0
     SOLVENT EVAPORATION LOSS                   0            0            0        43225            0
     UNPAVED ROADS                         338628            0            0            0            0
     UNPAVED AIRSTRIPS                        180            0            0            0            0
     TOTAL (MISCELLANEOUS)                 339156            1           48        48798         1730

GRAND TOTAL
***********

     AREA SOURCES                          379197        11668        52472       107646       443223

     POINT SOURCES                          32741        84246        34263        61634         2526

     TOTAL                                 411938        95914        86735       169280       445749
```

```
*** K17 ***                                                                                               *** K17 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                            ********************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                           *********************************

STATE EMISSIONS REPORT                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                                         AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 27:MONTANA                                                    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES          SOX              NOX             HC               CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               26              40               1              26             130
            DISTILLATE OIL                17             369             153               3              36
            NATURAL GAS                  126               4            1011             101             257
            WOOD                        1343              25              55             270            9657
            TOTAL (RESIDENTIAL)         1512             438            1220             400           10080

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             7871           20842           31285             522            1735
            RESIDUAL OIL                   4              94             215               3               9
            NATURAL GAS                    5               0             215               1               6
            OTHER                        595             319            2127             425             425
            TOTAL (ELEC GEN)            8475           21255           33842             951            2175

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             324            1115             664              18              37
            RESIDUAL OIL
                AREA SOURCES             448            5309            1546              25             130
                POINT SOURCES           1127            8936             591              10              30
            DISTILLATE OIL
                POINT SOURCES              0              74               9               0               3
            NATURAL GAS
                AREA SOURCES              34               1            8630            3415            1178
                POINT SOURCES             77              28            3454              14             134
            PROCESS GAS
                POINT SOURCES              4             116              55               6               0
            WOOD
                POINT SOURCES           1426             532            3804             760             760
            TOTAL (INDUSTRIAL)
                AREA SOURCES             806            6425           10840            3458            1345
                POINT SOURCES           2634            9686            7913             790             927

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES               0              24               6               0               0
            DISTILLATE OIL
                AREA SOURCES              21             567             289               9              59
            NATURAL GAS
                AREA SOURCES              83               3            1029              65             172
                POINT SOURCES              2               0              15               1               2
```

```
*** L02 ***                                                                                          *** L02 ***
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 558         23          138          760          2408
                POINT SOURCES                 26          2           11           88          1037

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             3339        183         4575         5888         46766
            LIGHT DUTY TRUCKS               1084         90         2010         2207         15319
            HEAVY DUTY VEHICLES              258         29         1049         1001         13788
            OFF HIGHWAY                       32         17          318         1139         12205
            TOTAL (GASOLINE)                4713        319         7952        10235         88078

        DIESEL

            HEAVY DUTY VEHICLES              513        268         2532          281           810
            OFF HIGHWAY                      225        190         2270          333           672
            RAIL                              90        203         1315          336           462
            TOTAL (DIESEL)                   828        661         6117          950          1944

    AIRCRAFT

        CIVIL                                  0          0            0            6           296
        TOTAL (AIRCRAFT)                       0          0            0            6           296

    VESSELS

        DIESEL FUEL                          159        199         1492          392           523
        GASOLINE                               0          2            7          332          1044
        TOTAL (VESSELS)                      159        201         1499          724          1567

    TOTAL (TRANSPORTATION)                  5700       1181        15568        11915         91885

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         572          4          134          806          4702
    STRUCTURAL FIRES                          67          0            7           48           267
    GASOLINE STA EVAP LOSS                     0          0            0         1025             0
    SOLVENT EVAPORATION LOSS                   0          0            0         5196             0
    UNPAVED ROADS                          29680          0            0            0             0
    TOTAL (MISCELLANEOUS)                  30319          4          141         7075          4969

GRAND TOTAL
***********

    AREA SOURCES                           37250       3678        20300        21245        101750

    POINT SOURCES                          22526      95474        76701        15906         25687

    TOTAL                                  59776      99152        97001        37151        127437
```

```
*** L04 ***                                                                                  *** L04 ***
            DISTILLATE OIL
                AREA SOURCES                  34           508           386            20            88
                POINT SOURCES                 18           452           177             8            41
            NATURAL GAS
                AREA SOURCES                  12             0           176             9            30
                POINT SOURCES                  0             0             1             0             0
            TOTAL (COMM-INST)
                AREA SOURCES                  46           508           562            29           118
                POINT SOURCES                788          8135          1924            37           183

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                8370          5896          4103          1758         57113
                POINT SOURCES              16034        130772         32923          1987          3524

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    19            60           281            24            61
            TOTAL (ELEC GEN)                  19            60           281            24            61

        TOTAL (INTERNAL COMB)                 19            60           281            24            61

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                8370          5896          4103          1758         57113
                POINT SOURCES              16053        130832         33204          2011          3585

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               126          1703             0          4727             0
    FOOD/AGRICULTURAL                    195             0             0             0             0
    SECONDARY METALS                      15             0             0             0           100
    MINERAL PRODUCTS                    6616           564           408            28             0
    WOOD PRODUCTS                      13747         23018          1713           177         40530
    ORGANIC SOLVENT EVAPORATION            2             0             0          2949             0
    PETROLEUM STORAGE/TRANSPORT            0             0             0         31845             0
    TEXTILE MANUFACTURING                  2             0             0            51             0
    OTHER/NOT CLASSIFIED                  15          2719             9           468             0
    TOTAL (INDUSTRIAL)                 20718         28004          2130         40245         40630

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           160            20            16            80           199
        OPEN BURNING                    1779           110           666          3333          9447
        OTHER INCINERATION                70             7            18            70           211
        TOTAL (GOVERNMENT)              2009           137           700          3483          9857

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             692             8            21          1948          5847
        OPEN BURNING                    2261            86           581          3054          9683
        TOTAL (RESIDENTIAL)             2953            94           602          5002         15530

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             167            53            83           100           234
                POINT SOURCES             14             8             9            10            26
        OPEN BURNING
                AREA SOURCES               3             0             0             6            12
                POINT SOURCES             42             3            16            79           223
```

```
*** LOS ***                                                                                              *** LOS ***
                AREA SOURCES                 11             1             3            15            37
                POINT SOURCES               535            33           199           998          2865

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                646            30           142          1060          3257
                POINT SOURCES              1061            69           396          1979          5643

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            2607           160          4005          4575         36266
            LIGHT DUTY TRUCKS               841            72          1690          1769         12408
            HEAVY DUTY VEHICLES             186            22           807           753         10393
            OFF HIGHWAY                      15             8           154           553          5933
            TOTAL (GASOLINE)               3649           262          6656          7650         65000

        DIESEL

            HEAVY DUTY VEHICLES             523           278          2748           301           843
            OFF HIGHWAY                      84            71           855           126           253
            RAIL                             24            53           345            88           121
            TOTAL (DIESEL)                  631           402          3948           515          1217

    AIRCRAFT

        MILITARY                             81             8            49           145           261
        CIVIL                                 0             0             0            13           605
        COMMERCIAL                            6            13           126           141           314
        TOTAL (AIRCRAFT)                     87            21           175           299          1180

    VESSELS

        DIESEL FUEL                           3             4            29             8            10
        RESIDUAL OIL                          1            10             2             0             0
        GASOLINE                              0            17            67          2722          8553
        TOTAL (VESSELS)                       4            31            98          2730          8563

    TOTAL (TRANSPORTATION)                 4371           716         10877         11194         75960

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        172             2            40           243          1415
    AGRICULTURAL BURNING                      6             0             1             7            36
    STRUCTURAL FIRES                         60             0             7            43           240
    GASOLINE STA EVAP LOSS                    0             0             0          1204             0
    SOLVENT EVAPORATION LOSS                  0             0             0          4852             0
    UNPAVED ROADS                         13901             0             0             0             0
    UNPAVED AIRSTRIPS                         4             0             0             0             0
    TOTAL (MISCELLANEOUS)                 14143             2            48          6349          1691

GRAND TOTAL
***********

    AREA SOURCES                          21719          1949         11919         19133         98725

    POINT SOURCES                         10455         49607         10288         11362         18838

    TOTAL                                 32174         51556         22207         30495        117563
```

```
*** L06 ***                                                                                                                *** L06 ***
                AREA SOURCES                712              2423               4487               606              2085
                POINT SOURCES             22398             57760              22887               435              1663

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                    3                27                 44                 3                10
            TOTAL (ELEC GEN)                  3                27                 44                 3                10

        TOTAL (INTERNAL COMB)                 3                27                 44                 3                10

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                712              2423               4487               606              2085
                POINT SOURCES             22401             57787              22931               438              1673

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   11                20                  0                 0                 0
    MINERAL PRODUCTS                        374                 0                  0                 0                 0
    ORGANIC SOLVENT EVAPORATION               0                 0                  0                63                 0
    PETROLEUM STORAGE/TRANSPORT               0                 0                  0               155                 0
    TOTAL (INDUSTRIAL)                      385                20                  0               218                 0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                   90                 0                  2                 0                 0
        TOTAL (GOVERNMENT)                   90                 0                  2                 0                 0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 86                 1                  3               242               725
        OPEN BURNING                        536                20                138               724              2296
        TOTAL (RESIDENTIAL)                 622                21                141               966              3021

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 56                17                 26                32                76
        OPEN BURNING
                AREA SOURCES                  3                 0                  1                 5                13
        TOTAL (COMM-INST)
                AREA SOURCES                 59                17                 27                37                89

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  7                 1                  1                 7                10
        OPEN BURNING
                AREA SOURCES                  4                 0                  2                 7                25
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 11                 1                  3                14                35

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                692                39                171              1017              3145
                POINT SOURCES                90                 0                  2                 0                 0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
*** L07 ***                                                                                        *** L07 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                           *******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                           ********************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:  TUESDAY   JANUARY 26, 1982
***************************                                         AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:21 MARYLAND        AQCR:115 METROPOLITAN BALTIMORE           POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                              PARTICULATES        SOX             NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL               12              34               3               3             117
            BITUMINOUS COAL               20              81               3              20              93
            DISTILLATE OIL               311            3581            2238             125             622
            NATURAL GAS                  179              11            1434             143             359
            WOOD                         305               6              12              62            2187
            TOTAL (RESIDENTIAL)          827            3713            3690             353            3378

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              384           10731            5083              85             282
            RESIDUAL OIL                 730           24648           16277             154             775
            DISTILLATE OIL                13             281             195               6              32
            NATURAL GAS                    9               1             601               1              15
            TOTAL (ELEC GEN)            1136           35661           22156             246            1104

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES            380             849             402               7              22
            RESIDUAL OIL
                POINT SOURCES            588            9477            8287             467             285
            DISTILLATE OIL
                AREA SOURCES              93             887            1078              60             155
                POINT SOURCES             10             228             126               5              28
            NATURAL GAS
                AREA SOURCES             100               5            4664            1254             568
                POINT SOURCES             22               2            4154              88              17
            PROCESS GAS
                POINT SOURCES             30             559               0               0               0
            OTHER
                POINT SOURCES              4               0               0               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             193             892            5742            1314             723
                POINT SOURCES           1034           11115           12969             567             352

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             232             525             104               8              22
            RESIDUAL OIL
                POINT SOURCES             15             705             333               6              28
            DISTILLATE OIL
                AREA SOURCES              58             852             651              31             148
```

```
*** L08 ***                                                                                                     *** L08 ***
                AREA SOURCES                   19              1               225              15              38
                POINT SOURCES                   1              0                28               0               2
            TOTAL (COMM-INST)
                AREA SOURCES                   88            793               759              36             146
                POINT SOURCES                1099           2486               971              30              97

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                  821           3427              3023             299            3739
                POINT SOURCES                2772          15365              9075             262             514

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  821           3427              3023             299            3739
                POINT SOURCES                2772          15365              9075             262             514

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                      0              0                 0             434               0
    FOOD/AGRICULTURAL                           0              0                 0             106               0
    ORGANIC SOLVENT EVAPORATION                 0              0                 0            4639               0
    PETROLEUM STORAGE/TRANSPORT                 0              0                 0             168               0
    OTHER/NOT CLASSIFIED                        0              0                 0             643               0
    TOTAL (INDUSTRIAL)                          0              0                 0            5990               0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  544              9                17            1531            4594
        OPEN BURNING                         1252             47               320            1689            5359
        TOTAL (RESIDENTIAL)                  1796             56               337            3220            9953

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                   70             22                33              40              95
        OPEN BURNING
                AREA SOURCES                    1              0                 0               2               4
        TOTAL (COMM-INST)
                AREA SOURCES                   71             22                33              42              99

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                   19              4                 4              17              25
        OPEN BURNING
                AREA SOURCES                   14              1                 5              24              85
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   33              5                 9              41             110

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 1900             83               379            3303           10162

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             13084            419             10624           17704          164996
            LIGHT DUTY TRUCKS                1704             75              1712            2659           22185
            HEAVY DUTY VEHICLES               499             37              1189            1903           25716
            OFF HIGHWAY                        29             15               287            1033           11078
```

```
*** L09 ***                                                                                                               *** L09 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ******************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *********************************

STATE/AQCR EMISSIONS REPORT                                                                      RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                                         AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:22 MASSACHUSETTS   AQCR:120 METROPOLITAN PROVIDENCE                           POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES           SOX               NOX               HC                 CO
                                   *************      *************     *************     *************     *************
                                     TONS / YR          TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                   4                 10                 1                 1                34
            DISTILLATE OIL                  200               2308              1442                80               401
            NATURAL GAS                      84                  5               672                67               168
            WOOD                            151                  3                 6                30              1089
            TOTAL (RESIDENTIAL)             439               2326              2121               178              1692

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                3185               1862               735                 7                24
            RESIDUAL OIL                   6720              82197             54281               517              2585
            DISTILLATE OIL                   10                225               156                 5                26
            NATURAL GAS                       2                  0               151                 0                 4
            TOTAL (ELEC GEN)               9917              84284             55323               529              2639

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 41                288                76                 2                 5
            RESIDUAL OIL
                POINT SOURCES               132               1753               661                11                55
            DISTILLATE OIL
                AREA SOURCES                 17                168               204                11                29
                POINT SOURCES                 0                 22                 1                 0                 0
            NATURAL GAS
                AREA SOURCES                 11                  1               282                42                31
                POINT SOURCES                 4                  0                66                 1                 6
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 69                457               562                55                65
                POINT SOURCES               136               1775               728                12                61

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  6                 15                 6                 0                 1
            BITUMINOUS COAL
                POINT SOURCES               272                 62                35                 2                 5
            RESIDUAL OIL
                AREA SOURCES                 30                249               104                 2                 9
                POINT SOURCES                 5                 69                23                 0                 2
            DISTILLATE OIL
                AREA SOURCES                 51                733               560                25               127
            NATURAL GAS
```

```
*** L10 ***                                                                                              *** L10 ***

        DIESEL FUEL                       0            0            2            1            1
        RESIDUAL OIL                     15          190           31            2            1
        GASOLINE                          0            5           14          557         1749
        TOTAL (VESSELS)                  15          195           47          560         1751

    TOTAL (TRANSPORTATION)             7056         1041        14654        13519       110109

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                     16            0            2           12           65
    GASOLINE STA EVAP LOSS                0            0            0        13759            0
    SOLVENT EVAPORATION LOSS              0            0            0        13761            0
    UNPAVED ROADS                     17979            0            0            0            0
    TOTAL (MISCELLANEOUS)             17995            0            2        27532           65

GRAND TOTAL
***********

    AREA SOURCES                      25794         1451        16740        42514       114146

    POINT SOURCES                       589          754          277         3000         5002

    TOTAL                             26383         2205        17017        45514       119148
```

```
            NATURAL GAS
                AREA SOURCES               13             0            136             9            22
                POINT SOURCES               1             0             25             0             2
            TOTAL (COMM-INST)
                AREA SOURCES               29           220            303            16            60
                POINT SOURCES             144           368            100             5            15

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              454          1348           2331           432          2181
                POINT SOURCES            1836         30789          34715           805          2547

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  2            26             25             2             6
            NATURAL GAS                     3             0             76             8            21
            TOTAL (ELEC GEN)                5            26            101            10            27

        INDUSTRIAL FUEL

            NATURAL GAS                     0             0             41            17             5
            TOTAL (INDUSTRIAL)              0             0             41            17             5

        TOTAL (INTERNAL COMB)               5            26            142            27            32

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              454          1348           2331           432          2181
                POINT SOURCES            1841         30815          34857           832          2579

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                     764             0              0             0             0
    SECONDARY METALS                       38             0              0             0          1172
    MINERAL PRODUCTS                     1244             0              0             0             0
    WOOD PRODUCTS                           5             0              0             0             0
    ORGANIC SOLVENT EVAPORATION             0             0              0           964             0
    PETROLEUM STORAGE/TRANSPORT             0             0              0           216             0
    TOTAL (INDUSTRIAL)                   2051             0              0          1180          1172

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              203             1              4           572          1712
        OPEN BURNING                      535            19            138           724          2297
        TOTAL (RESIDENTIAL)               738            20            142          1296          4009

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                3             0              1             5            13
        TOTAL (COMM-INST)
                AREA SOURCES                3             0              1             5            13

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              741            20            143          1301          4022

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:    TUESDAY     JANUARY 26, 1982
***************************                                             AREA EMISSIONS AS OF:    TUESDAY        JULY 21, 1981
STATE:24 MINNESOTA       AQCR:131 MINNEAPOLIS-ST. PAUL                 POINT EMISSIONS AS OF:   THURSDAY         MAY 28, 1981

                                  PARTICULATES          SOX            NOX             HC              CO
                                  ************     ************    ************    ************    ************
                                   TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                189             2168            1355              74             377
            NATURAL GAS                   377               22            3006             300             752
            WOOD                           78                1               4              16             558
            TOTAL (RESIDENTIAL)           644             2191            4365             390            1687

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               372             4043            1474              29              89
            LIGNITE                      2175            70503           27392             542            1791
            NATURAL GAS                     1                0             181               0               5
            PROCESS GAS                     0                8              72               0               2
            TOTAL (ELEC GEN)             2548            74554           29119             571            1887

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              204              647             340              10              24
                POINT SOURCES             584              496             285              19              38
            LIGNITE
                POINT SOURCES               3              251              50               8              17
            RESIDUAL OIL
                POINT SOURCES             642             8664            1921              33             160
            DISTILLATE OIL
                AREA SOURCES               69              660             803              44             113
                POINT SOURCES               2              107              32               1               6
            NATURAL GAS
                AREA SOURCES              147                9            9297            2914            1178
                POINT SOURCES             230               13            4843              66             397
            PROCESS GAS
                POINT SOURCES               0              934               0               0               0
            COKE
                POINT SOURCES              26               73              28               0               3
            WOOD
                POINT SOURCES             104               16             104              21              21
            LIQUID PETROL GAS
                POINT SOURCES               0                0               1               0               0
            OTHER
                POINT SOURCES               0                0               2               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              420             1316           10440            2968            1315
                POINT SOURCES            1591            10554            7266             148             642

        COMM-INSTITUTIONAL FUEL
```

```
         DIESEL

             HEAVY DUTY VEHICLES           6279         3058        27904         3345         9937
             OFF HIGHWAY                   1899         1587        19156         2819         5671
             RAIL                           342          781         5063         1285         1779
             TOTAL (DIESEL)                8520         5426        52123         7449        17387

     AIRCRAFT

         MILITARY                          1681          158         1011         2993         5390
         CIVIL                                1            0            1          113         5370
         COMMERCIAL                          12           26          251          281          626
         TOTAL (AIRCRAFT)                  1694          184         1263         3387        11386

     VESSELS

         DIESEL FUEL                        155          195         1456          384          509
         RESIDUAL OIL                       663         8746         1437          100           48
         GASOLINE                             0           42          156         6523        20490
         TOTAL (VESSELS)                    818         8983         3049         7007        21047

     TOTAL (TRANSPORTATION)               56341        17415       123544       104872       815823

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                      9944           83         2340        14033        81881
     FOREST MANAGED BURNING                7938           56         1585         7145        44455
     AGRICULTURAL BURNING                  3913            0          547         4626        25731
     STRUCTURAL FIRES                       733            0           86          547         2964
     GASOLINE STA EVAP LOSS                   0            0            0        12317            0
     SOLVENT EVAPORATION LOSS                 0            0            0        90463            0
     UNPAVED ROADS                       464742            0            0            0            0
     UNPAVED AIRSTRIPS                       12            0            0            0            0
     TOTAL (MISCELLANEOUS)               487282          139         4558       129131       155031

GRAND TOTAL
***********

     AREA SOURCES                        560153        81752       213787       273212      1052473

     POINT SOURCES                        30747       371274       107069        52478        77460

     TOTAL                               590900       453026       320856       325690      1129933
```

```
*** L15 ***                                                                                          *** L15 ***
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    1722            9            408           2429          14184
    FOREST MANAGED BURNING               281            0             55            253           1575
    AGRICULTURAL BURNING                  74            0             10             87            484
    STRUCTURAL FIRES                     183            0             24            137            741
    GASOLINE STA EVAP LOSS                 0            0              0           1397              0
    SOLVENT EVAPORATION LOSS               0            0              0          38435              0
    UNPAVED ROADS                     184490            0              0              0              0
    TOTAL (MISCELLANEOUS)             186750            9            497          42738          16984

GRAND TOTAL
***********

    AREA SOURCES                      205646        17937          60043          83396         273597

    POINT SOURCES                       2733         3815           5683           8070          20502

    TOTAL                             208379        21752          65726          91466         294099
```

```
          WOOD
              POINT SOURCES                 32          6         42          8          8
          TOTAL (COMM-INST)
              AREA SOURCES                 104        594       1324         74        231
              POINT SOURCES                 34          6         57          9         10

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                2422       7457      13384       3932      11656
              POINT SOURCES              11143      30947      41812       1750       3112

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

          DISTILLATE OIL                   263        245       3681        294        800
          NATURAL GAS                        1          0        435        179         55
          DIESEL FUEL                      263        283       3681        294        800
          TOTAL (INDUSTRIAL)               527        528       7797        767       1655

      TOTAL (INTERNAL COMB)                527        528       7797        767       1655

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                2422       7457      13384       3932      11656
              POINT SOURCES              11670      31475      49609       2517       4767

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                   43       5983          0        131          0
   FOOD/AGRICULTURAL                       418          0          0          0          0
   PRIMARY METAL                          5169     146260          0          0      44824
   SECONDARY METALS                        394          0          0          0          0
   MINERAL PRODUCTS                       6747       6764       3077        118        346
   PETROLEUM INDUSTRY                     1149      19271       2939      13330      69539
   WOOD PRODUCTS                          2350       1042        469        111       7968
   PETROLEUM STORAGE/TRANSPORT               0          0          0       2172          0
   OTHER/NOT CLASSIFIED                     19       1278          0          0          0
   TOTAL (INDUSTRIAL)                    16289     180598       6485      15862     122677

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 808          8         18       2264       6787
      OPEN BURNING                        1509         56        381       2028       6441
      TOTAL (RESIDENTIAL)                 2317         64        399       4292      13228

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
              AREA SOURCES                   2          0          0          4          8
      TOTAL (COMM-INST)
              AREA SOURCES                   2          0          0          4          8

   INDUSTRIAL

      ON SITE INCINERATION
              POINT SOURCES                638         11        100       1107      13086
      OPEN BURNING
              AREA SOURCES                  15          0          2         17         75
      TOTAL (INDUSTRIAL)
              AREA SOURCES                  15          0          2         17         75
              POINT SOURCES                638         11        100       1107      13086
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         **********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         ***********************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:   TUESDAY    JANUARY 26, 1982
******************************                                         AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:27 MONTANA        AQCR:143 MILES CITY                           POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES          SOX            NOX             HC              CO
                              ************     ************   ************    ************    ************
                               TONS / YR        TONS / YR      TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             6               7              0               6              26
            DISTILLATE OIL              1              58             23               0               5
            NATURAL GAS                16               0            130              13              35
            WOOD                       26               0              1               5             189
            TOTAL (RESIDENTIAL)        49              65            154              24             255

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          6891           11038          25507             426            1417
            RESIDUAL OIL                0              86            199               2               9
            NATURAL GAS                 0               0              2               0               0
            TOTAL (ELEC GEN)         6891           11124          25708             428            1426

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           25              88             57               1               1
            RESIDUAL OIL
                AREA SOURCES           42             491            144               2              12
                POINT SOURCES          18             239             45               1               4
            DISTILLATE OIL
                POINT SOURCES           0               7              2               0               1
            NATURAL GAS
                AREA SOURCES            1               0            579             225              81
                POINT SOURCES           4               0             80               1               8
            TOTAL (INDUSTRIAL)
                AREA SOURCES           68             579            780             228              94
                POINT SOURCES          22             246            127               2              13

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES            0               2              0               0               0
            DISTILLATE OIL
                AREA SOURCES            2             102             52               1              11
            NATURAL GAS
                AREA SOURCES            8               0            105               6              17
            WOOD
                POINT SOURCES          32               6             42               8               8
            TOTAL (COMM-INST)
                AREA SOURCES           10             104            157               7              28
                POINT SOURCES          32               6             42               8               8
```

```
                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                    ******************************

                                                   ENVIRONMENTAL PROTECTION AGENCY
                                                   *******************************

STATE/AQCR EMISSIONS REPORT                                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:18 KENTUCKY        AQCR:079 METROPOLITAN CINCINNATI                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                  PARTICULATES            SOX               NOX               HC                CO
                                  ************      ************      ************      ************      ************
                                   TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                   40               132                 7                40               175
            DISTILLATE OIL                    12               130                81                 3                22
            NATURAL GAS                       42                 2               340                34                86
            WOOD                              92                 1                 3                18               666
            TOTAL (RESIDENTIAL)              186               265               431                95               949

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                 1992             51413             16607               277               923
            TOTAL (ELEC GEN)                1992             51413             16607               277               923

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 428              2829               749                22                49
                POINT SOURCES                 10                36                13                 0                 0
            RESIDUAL OIL
                POINT SOURCES                 12               101                53                 0                 4
            DISTILLATE OIL
                AREA SOURCES                  19               187               229                12                32
                POINT SOURCES                  0                 5                 5                 0                 0
            NATURAL GAS
                AREA SOURCES                  11                 0              2202               872               300
                POINT SOURCES                 14                 0               290                 3                17
            LIQUID PETROL GAS
                POINT SOURCES                  1                 1                 5                 0                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 458              3016              3180               906               381
                POINT SOURCES                 37               143               366                 3                22

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  29                70                31                 0                 3
            BITUMINOUS COAL
                POINT SOURCES                 31                20                 5                 1                 3
            RESIDUAL OIL
                AREA SOURCES                   0                 4                 1                 0                 0
                POINT SOURCES                  1                11                 5                 0                 0
            DISTILLATE OIL
                AREA SOURCES                   5                85                64                 3                13
                POINT SOURCES                  0                 7                 3                 0                 1
```

```
                                                     NATIONAL EMISSIONS DATA SYSTEM
                                                     ******************************

                                                     ENVIRONMENTAL PROTECTION AGENCY
                                                     *******************************

STATE/AQCR EMISSIONS REPORT                                                                 RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:19 LOUISIANA      AQCR:019 MONROE-EL DORADO                              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES             SOX              NOX               HC                CO
                                   ************     ************     ************     ************     ************
                                    TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            NATURAL GAS                      45                  1               358                36                91
            WOOD                            181                  2                 6                38              1287
            TOTAL (RESIDENTIAL)             226                  3               364                74              1378

        ELEC GENERATION (POINT)

            RESIDUAL OIL                     12                149               196                 2                 9
            DISTILLATE OIL                    0                  2                 3                 0                 0
            NATURAL GAS                      93                  6              6510                 9               158
            TOTAL (ELEC GEN)                105                157              6709                11               167

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 74                642               114                 3                 6
            RESIDUAL OIL
                POINT SOURCES               270               2426                 3                 7                33
            DISTILLATE OIL
                POINT SOURCES                63               2277               696                32               158
            NATURAL GAS
                AREA SOURCES                 76                  4             18828              7530              2559
                POINT SOURCES               142               2605             10799                19               979
            WOOD
                POINT SOURCES              1288                148               993               199               199
            BAGASSE
                POINT SOURCES                 1                  1                 2                 1                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES                150                646             18942              7533              2565
                POINT SOURCES              1764               7457             12493               258              1370

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                174               3548               609                 8                51
            DISTILLATE OIL
                AREA SOURCES                  8                147               113                 3                26
            NATURAL GAS
                AREA SOURCES                 37                  1               434                28                72
            TOTAL (COMM-INST)
                AREA SOURCES                219               3696              1156                39               149

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                595               4345             20462              7646              4092
```

```
*** M04 ***                                                                                              *** M04 ***
     TOTAL (COMM-INST)
            AREA SOURCES              170          53          83         106         246
            POINT SOURCES              56          11          25          89         249

   INDUSTRIAL

     ON SITE INCINERATION
            AREA SOURCES               30           6           6          26          35
            POINT SOURCES             419           7          61         652        7618
     OPEN BURNING
            AREA SOURCES               29           0           8          48         175
            POINT SOURCES            2575         162         961        4820       13732
     TOTAL (INDUSTRIAL)
            AREA SOURCES               59           6          14          74         210
            POINT SOURCES            2994         169        1022        5472       21350

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES             3182         153         699        5182       15986
            POINT SOURCES            5059         317        1747        9044       31456

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES         13411         735       18338       22179      181950
        LIGHT DUTY TRUCKS            3632         284        6642        7293       52621
        HEAVY DUTY VEHICLES           835          94        3426        3443       47154
        OFF HIGHWAY                    78          41         774        2776       29774
        TOTAL (GASOLINE)            17956        1154       29180       35691      311499

     DIESEL

        HEAVY DUTY VEHICLES          1795         938        9399        1062        2955
        OFF HIGHWAY                   461         386        4662         686        1380
        RAIL                          115         257        1671         424         585
        TOTAL (DIESEL)               2371        1581       15732        2172        4920

   AIRCRAFT

     MILITARY                         354          34         213         630        1134
     CIVIL                              0           0           1          54        2475
     COMMERCIAL                        12          27         255         286         636
     TOTAL (AIRCRAFT)                 366          61         469         970        4245

   VESSELS

     DIESEL FUEL                       59          74         550         144         192
     RESIDUAL OIL                      66         863         143          10           5
     GASOLINE                           0          29         115        4688       14730
     TOTAL (VESSELS)                  125         966         808        4842       14927

   TOTAL (TRANSPORTATION)           20818        3762       46189       43675      335591

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   271           2          63         381        2231
   AGRICULTURAL BURNING               224           0          31         264        1469
   STRUCTURAL FIRES                   284           0          34         211        1155
   GASOLINE STA EVAP LOSS               0           0           0        5135           0
   SOLVENT EVAPORATION LOSS             0           0           0       32414           0
   UNPAVED ROADS                    62320           0           0           0           0
   UNPAVED AIRSTRIPS                   44           0           0           0           0
```

```
*** M06 ***                                                                                          *** M06 ***
        GASOLINE

           LIGHT DUTY VEHICLES             23246            717          16443          26335         249658
           LIGHT DUTY TRUCKS                2827            120           2623           4017          33500
           HEAVY DUTY VEHICLES              1029             72           2244           3573          49235
           OFF HIGHWAY                        48             25            474           1707          18307
           TOTAL (GASOLINE)                27150            934          21784          35632         350700

        DIESEL

           HEAVY DUTY VEHICLES              1255            482           4667            734           2106
           OFF HIGHWAY                       516            432           5216            767           1544
           RAIL                              142            325           2109            536            741
           TOTAL (DIESEL)                   1913           1239          11992           2037           4391

     AIRCRAFT

        MILITARY                             480             45            289            854           1537
        CIVIL                                  1              0              1             21            999
        COMMERCIAL                             0              0              0              0              1
        TOTAL (AIRCRAFT)                     481             45            290            875           2537

     VESSELS

        GASOLINE                               0              2              7            282            886
        TOTAL (VESSELS)                        0              2              7            282            886

     TOTAL (TRANSPORTATION)                29544           2220          34073          38826         358514

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                          9              0              2             11             67
     STRUCTURAL FIRES                        194              1             23            145            791
     GASOLINE STA EVAP LOSS                    0              0              0            164              0
     SOLVENT EVAPORATION LOSS                  0              0              0          20415              0
     UNPAVED ROADS                         12176              0              0              0              0
     TOTAL (MISCELLANEOUS)                 12379              1             25          20735            858

GRAND TOTAL
***********

     AREA SOURCES                          43327           4683          38756          61184         364602

     POINT SOURCES                         22876          57807          22933            656           1673

     TOTAL                                 66203          62490          61689          61840         366275
```

```
*** M07 ***                                                                                        *** M07 ***
                POINT SOURCES             97          1660          514           28            73
            NATURAL GAS
                AREA SOURCES              71             4          849           56           142
                POINT SOURCES             55             3         2463           11            94
            TOTAL (COMM-INST)
                AREA SOURCES             361          1381         1604           95           312
                POINT SOURCES            167          2368         3310           45           195

         TOTAL (EXTERNAL COMB)
                AREA SOURCES            1381          5986        11036         1762          4413
                POINT SOURCES           2337         49144        38435          858          1651

      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

            DISTILLATE OIL                31           269          436           36            99
            NATURAL GAS                   53             3         1935          197           538
            TOTAL (ELEC GEN)              84           272         2371          233           637

         TOTAL (INTERNAL COMB)            84           272         2371          233           637

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES            1381          5986        11036         1762          4413
                POINT SOURCES           2421         49416        40806         1091          2288

   INDUSTRIAL PROCESS (POINT)
   **************************

      CHEMICAL MANUFACTURING             586           797          825         1361             1
      FOOD/AGRICULTURAL                  115             0            0            0             0
      PRIMARY METAL                    12452         14596         7037         9962        100486
      SECONDARY METALS                     3             0            2            0            82
      MINERAL PRODUCTS                  1535          4590         1170            0             0
      PETROLEUM INDUSTRY                  14           296          160         2140            12
      ORGANIC SOLVENT EVAPORATION          0             0            0        10510             0
      PETROLEUM STORAGE/TRANSPORT          0             0            0          195             0
      OTHER/NOT CLASSIFIED                 0          2571            0            0             0
      TOTAL (INDUSTRIAL)               14705         22850         9194        24168        100581

   SOLID WASTE DISPOSAL
   ********************

      GOVERNMENT (POINT)

         MUNICIPAL INCINERATION         1889           270          216          162          3773
         TOTAL (GOVERNMENT)             1889           270          216          162          3773

      RESIDENTIAL (AREA)

         ON SITE INCINERATION            115             2            3          327           978
         OPEN BURNING                   1357            50          347         1830          5805
         TOTAL (RESIDENTIAL)            1472            52          350         2157          6783

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                AREA SOURCES              77            24           37           44           105
         OPEN BURNING
                AREA SOURCES               7             0            2           12            30
         TOTAL (COMM-INST)
                AREA SOURCES              84            24           39           56           135

      INDUSTRIAL
```

```
*** M08 ***                                                                                  *** M08 ***
         TOTAL (GASOLINE)                15316        546      13812      23299     223975

      DIESEL

         HEAVY DUTY VEHICLES               723        288       2957        463       1293
         OFF HIGHWAY                       350        293       3540        520       1048
         RAIL                               15         34        218         55         77
         TOTAL (DIESEL)                   1088        615       6715       1038       2418

   AIRCRAFT

      MILITARY                             190         18        114        339        610
      CIVIL                                  1          0          1         17        798
      COMMERCIAL                             3          6         53         60        133
      TOTAL (AIRCRAFT)                     194         24        168        416       1541

   VESSELS

      GASOLINE                               0          7         25       1000       3143
      TOTAL (VESSELS)                        0          7         25       1000       3143

   TOTAL (TRANSPORTATION)                16598       1192      20720      25753     231077

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                        117          1         28        166        966
   STRUCTURAL FIRES                        184          1         22        137        747
   GASOLINE STA EVAP LOSS                    0          0          0       1988          0
   SOLVENT EVAPORATION LOSS                  0          0          0      31573          0
   UNPAVED ROADS                          1237          0          0          0          0
   TOTAL (MISCELLANEOUS)                  1538          2         50      33864       1713

GRAND TOTAL
***********

   AREA SOURCES                          20857       4704      24172      63219     246691

   POINT SOURCES                          2772      15365       9075       6252        514

   TOTAL                                 23629      20069      33247      69471     247205
```

```
*** M09 ***                                                                                   *** M09 ***
              AREA SOURCES             23          1         280          19          47
          TOTAL (COMM-INST)
              AREA SOURCES            110        998         950          46         184
              POINT SOURCES           277        131          58           2           7

      TOTAL (EXTERNAL COMB)
              AREA SOURCES            618       3781        3633         279        1941
              POINT SOURCES         10330      86190       56109         543        2707

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                10          9         138          11          30
         NATURAL GAS                    2          0         753         310          95
         DIESEL                         9          9         127          10          28
         OTHER                          2          3          33           3           7
         TOTAL (ELEC GEN)              23         21        1051         334         160

      TOTAL (INTERNAL COMB)            23         21        1051         334         160

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES            618       3781        3633         279        1941
              POINT SOURCES         10353      86211       57160         877        2867

INDUSTRIAL PROCESS (POINT)
**************************

   SECONDARY METALS                     2          0           0           0           0
   MINERAL PRODUCTS                   233        330         602          19          19
   ORGANIC SOLVENT EVAPORATION          0          0           0        1953           0
   PETROLEUM STORAGE/TRANSPORT          0          0           0        1648           0
   TEXTILE MANUFACTURING                0          0           0        2719           0
   TOTAL (INDUSTRIAL)                 235        330         602        6339          19

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION            204          3           6         574        1723
      OPEN BURNING                   2319         86         593        3128        9922
      TOTAL (RESIDENTIAL)            2523         89         599        3702       11645

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES             26          8          12          15          36
      OPEN BURNING
              AREA SOURCES              2          0           1           3           9
      TOTAL (COMM-INST)
              AREA SOURCES             28          8          13          18          45

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES              6          1           1           6           8
              POINT SOURCES            32          3           8          32          96
      OPEN BURNING
              AREA SOURCES             23          1           8          40         139
      TOTAL (INDUSTRIAL)
              AREA SOURCES             29          2           9          46         147
              POINT SOURCES            32          3           8          32          96

   TOTAL (SOLID WASTE DISP)
```

*** M10 *** *** M10 ***

```
*** M11 ***                                                                                                         *** M11 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                           RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                               AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:23 MICHIGAN       AQCR:125 SOUTH CENTRAL MICHIGAN                  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                  PARTICULATES          SOX              NOX              HC               CO
                                  ************     ************     ************     ************     ************
                                   TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                   1                4                0                0               18
         DISTILLATE OIL                  111             1270              794               45              222
         NATURAL GAS                     288               17             2302              230              577
         WOOD                            253                5               10               51             1818
         TOTAL (RESIDENTIAL)             653             1296             3106              326             2635

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                2178            59159            13611              203              619
         RESIDUAL OIL                    184             3675             2343               46               69
         DISTILLATE OIL                    0                2                2                0                0
         NATURAL GAS                       1                0               83                0                1
         TOTAL (ELEC GEN)               2363            62836            16039              249              689

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               4020             7992             3114              153              324
         RESIDUAL OIL
            POINT SOURCES                388             5903             1595               65              141
         DISTILLATE OIL
            POINT SOURCES                  7               96              279                3                8
         NATURAL GAS
            AREA SOURCES                  75                3             7756             2775             1019
            POINT SOURCES                 47               33             3827              207               48
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  75                3             7756             2775             1019
            POINT SOURCES               4462            14024             8815              428              521

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                  74              177               77                0                5
         BITUMINOUS COAL
            POINT SOURCES               1202            20708             3832               84              242
         RESIDUAL OIL
            AREA SOURCES                  26              181               86                0                5
            POINT SOURCES                 15              118               30                1                5
         DISTILLATE OIL
            AREA SOURCES                  12              198              151                5               35
            POINT SOURCES                  0               10                6                0                1
         NATURAL GAS
```

```
*** M12 ***                                                                                    *** M12 ***
      GASOLINE

          LIGHT DUTY VEHICLES            4075        276       7197       8456      64512
          LIGHT DUTY TRUCKS              1451        142       3312       3374      22860
          HEAVY DUTY VEHICLES             242         31       1173       1046      14310
          OFF HIGHWAY                      68         34        650       2342      25130
          TOTAL (GASOLINE)               5836        483      12332      15218     126812

      DIESEL

          HEAVY DUTY VEHICLES             676        381       3858        401       1105
          OFF HIGHWAY                     238        199       2401        353        710
          RAIL                             77        175       1132        288        398
          TOTAL (DIESEL)                  991        755       7391       1042       2213

   AIRCRAFT

      CIVIL                                 0          0          0         22        942
      TOTAL (AIRCRAFT)                      0          0          0         22        942

   VESSELS

      GASOLINE                              0          5         24       1003       3154
      TOTAL (VESSELS)                       0          5         24       1003       3154

   TOTAL (TRANSPORTATION)                6827       1243      19747      17285     133121

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       175          1         41        245       1432
   STRUCTURAL FIRES                        72          0         10         53        288
   GASOLINE STA EVAP LOSS                   0          0          0       1654          0
   SOLVENT EVAPORATION LOSS                 0          0          0       9119          0
   UNPAVED ROADS                        80088          0          0          0          0
   UNPAVED AIRSTRIPS                        1          0          0          0          0
   TOTAL (MISCELLANEOUS)                80336          1         51      11071       1720

GRAND TOTAL
***********

   AREA SOURCES                         88358       2612      22272      30089     141044

   POINT SOURCES                         3892      30815      34857       2012       3751

   TOTAL                                92250      33427      57129      32101     144795
```

```
          ANTHRACITE COAL
              AREA SOURCES                  0            1            0            0            0
          BITUMINOUS COAL
              POINT SOURCES               648         1622          717           27           63
          LIGNITE
              POINT SOURCES                 3           19            3            1            1
          RESIDUAL OIL
              POINT SOURCES               180         2804          592            9           50
          DISTILLATE OIL
              AREA SOURCES                177         2534         1935           88          439
              POINT SOURCES                 2           72           24            1            6
          NATURAL GAS
              AREA SOURCES                170           10         2042          136          342
              POINT SOURCES                15            1          473            6           33
          WOOD
              POINT SOURCES                25            4           25            5            5
          TOTAL (COMM-INST)
              AREA SOURCES                347         2545         3977          224          781
              POINT SOURCES               873         4522         1834           49          158

      TOTAL (EXTERNAL COMB)
              AREA SOURCES               1411         6052        18782         3582         3783
              POINT SOURCES              5012        89630        38219          768         2687

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                   35          499          482           39          109
          TOTAL (ELEC GEN)                 35          499          482           39          109

      INDUSTRIAL FUEL

          NATURAL GAS                       2            0          202           63           42
          TOTAL (INDUSTRIAL)                2            0          202           63           42

      TOTAL (INTERNAL COMB)                37          499          684          102          151

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES               1411         6052        18782         3582         3783
              POINT SOURCES              5049        90129        38903          870         2838
INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                 13           27         2533            4            0
    FOOD/AGRICULTURAL                    5980            0            0            0            0
    PRIMARY METAL                         249            2            3          300         3530
    SECONDARY METALS                      167         1543            6            0          714
    MINERAL PRODUCTS                     5502          112          432           11           60
    PETROLEUM INDUSTRY                    455         5462         2384         4220          547
    WOOD PRODUCTS                           0         1600            0            0            0
    ORGANIC SOLVENT EVAPORATION             0            0            0        12665            0
    PETROLEUM STORAGE/TRANSPORT             0            0            0        20021            0
    TOTAL (INDUSTRIAL)                  12366         8746         5358        37221         4851
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION              2            0            0            0            2
        OTHER INCINERATION                  0            0            1            0            0
```

*** M15 ***

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:26 MISSOURI       AQCR:137 NORTHERN MISSOURI                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                           PARTICULATES        SOX            NOX            HC             CO
                           ************    ************   ************   ************   ************
                            TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL            6             56              0              6             39
            DISTILLATE OIL            25            258            166              1             47
            NATURAL GAS              132              2           1050            103            263
            WOOD                    1165             22             45            240           8325
            TOTAL (RESIDENTIAL)     1328            338           1261            350           8674

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         1780          48098          37306            275            828
            RESIDUAL OIL               9            298            105              3              4
            NATURAL GAS                8              1            609              2             18
            TOTAL (ELEC GEN)        1797          48397          38020            280            850

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES         74           1108            525              9             29
            BITUMINOUS COAL
                AREA SOURCES         484           3673            648             15             37
                POINT SOURCES        623           2228            970              6             13
            RESIDUAL OIL
                POINT SOURCES        440            742            496              5             24
            DISTILLATE OIL
                POINT SOURCES          3             10              9              1              2
            NATURAL GAS
                AREA SOURCES          10              0            862            272            106
                POINT SOURCES          1              0             55              1              1
            LIQUID PETROL GAS
                POINT SOURCES          0              0              1              0              0
            OTHER
                POINT SOURCES        110            790            379            124              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES         494           3673           1510            287            143
                POINT SOURCES       1251           4878           2435            146             69

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          85            319             41              1              4
            RESIDUAL OIL
                AREA SOURCES          48            665            168              1              8
            DISTILLATE OIL
```

```
*** M17 ***                                                                                          *** M17 ***
    TOTAL (SOLID WASTE DISP)
            AREA SOURCES                 2334             64              401             4313            13311
            POINT SOURCES                 638             11              100             1107            13086

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         11152            496            11244            22357           212963
            LIGHT DUTY TRUCKS            5707            380             7670            12875           113533
            HEAVY DUTY VEHICLES           647             64             1998             2869            43420
            OFF HIGHWAY                   130             73             1330             4781            51274
            TOTAL (GASOLINE)            17636           1013            22242            42882           421190

        DIESEL

            HEAVY DUTY VEHICLES          3700           1755            18263             3248             7974
            OFF HIGHWAY                   942            786             9558             1404             2827
            RAIL                          795           1803            11726             2978             4120
            TOTAL (DIESEL)               5437           4344            39547             7630            14921

    AIRCRAFT

        MILITARY                          181             17              109              323              580
        CIVIL                               1              0                3              139             6230
        COMMERCIAL                         14             32              300              335              748
        TOTAL (AIRCRAFT)                  196             49              412              797             7558

    VESSELS

        GASOLINE                            0              5               29             1364             4294
        TOTAL (VESSELS)                     0              5               29             1364             4294

    TOTAL (TRANSPORTATION)              23269           5411            62230            52673           447963

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     2808             22              662             3966            23141
    FOREST MANAGED BURNING              56463            424            11294            50818           316190
    STRUCTURAL FIRES                      203              0               15              143              808
    GASOLINE STA EVAP LOSS                  0              0                0             4493                0
    SOLVENT EVAPORATION LOSS                0              0                0            12493                0
    UNPAVED ROADS                      707123              0                0                0                0
    UNPAVED AIRSTRIPS                     112              0                0                0                0
    TOTAL (MISCELLANEOUS)              766709            446            11971            71913           340139

GRAND TOTAL
***********

    AREA SOURCES                       794734          13378            87986           132831           813069

    POINT SOURCES                       28597         212084            56194            19486           140530

    TOTAL                              823331         225462           144180           152317           953599
```

```
*** M18 ***                                                                                                   *** M18 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES                 127           748           1091            259            377
                POINT SOURCES               6945         11376          25877            438           1447

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 127           748           1091            259            377
                POINT SOURCES               6945         11376          25877            438           1447

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                        178             0              0              0              0
    MINERAL PRODUCTS                         145             0              0              0              0
    WOOD PRODUCTS                              9             0              0              0              0
    TOTAL (INDUSTRIAL)                       332             0              0              0              0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 107             0              0            305            914
        OPEN BURNING                         389            15             98            523           1664
        TOTAL (RESIDENTIAL)                  496            15             98            828           2578

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                 42             1              6             66            786
        OPEN BURNING
                AREA SOURCES                   4             0              0              4             20
        TOTAL (INDUSTRIAL)
                AREA SOURCES                   4             0              0              4             20
                POINT SOURCES                 42             1              6             66            786

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 500            15             98            832           2598
                POINT SOURCES                 42             1              6             66            786

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             1053            62           1463           2215          19128
            LIGHT DUTY TRUCKS                683            59           1228           1555          12262
            HEAVY DUTY VEHICLES              124            14            497            568           8462
            OFF HIGHWAY                       37            22            380           1362          14637
            TOTAL (GASOLINE)                1897           157           3568           5700          54489

        DIESEL

            HEAVY DUTY VEHICLES              384           215           2254            322            800
            OFF HIGHWAY                      264           219           2677            393            793
            RAIL                             101           226           1474            375            517
            TOTAL (DIESEL)                   749           660           6405           1090           2110

    AIRCRAFT

        CIVIL                                  0             0              0             38           1669
        TOTAL (AIRCRAFT)                       0             0              0             38           1669

    VESSELS
```

```
*** N01 ***                                                                                                             *** N01 ***
            NATURAL GAS
                AREA SOURCES                  0                 0                 1                 0                 0
                POINT SOURCES                 1                 0                12                 1                 2
            TOTAL (COMM-INST)
                AREA SOURCES                 34               159                97                 3                16
                POINT SOURCES                33                38                25                 2                 6

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                678              3440              3708              1004              1346
                POINT SOURCES              2062             51594             16998               282               951

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                678              3440              3708              1004              1346
                POINT SOURCES              2062             51594             16998               282               951

INDUSTRIAL PROCESS (POINT)
****************************

    CHEMICAL MANUFACTURING                   68                 2                10               458                 0
    FOOD/AGRICULTURAL                        22                 0                 0                 0                 0
    PRIMARY METAL                            60                 3                77                 1              1838
    SECONDARY METALS                          7                 0                 0                 0                 9
    MINERAL PRODUCTS                      18133              1805              2021                75               100
    WOOD PRODUCTS                            10                 0                 0                 0                 0
    ORGANIC SOLVENT EVAPORATION              36                 0                 0              1135                 0
    PETROLEUM STORAGE/TRANSPORT               0                 0                 0               648                 0
    METAL FABRICATION                        14                 0                 0                 0                 0
    OTHER/NOT CLASSIFIED                      2                 0                 1                 0                 0
    TOTAL (INDUSTRIAL)                    18352              1810              2109              2317              1947

SOLID WASTE DISPOSAL
*********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                   68                 1                 6                 1                 0
        TOTAL (GOVERNMENT)                   68                 1                 6                 1                 0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 16                 0                 0                44               137
        OPEN BURNING                        648                25               167               874              2770
        TOTAL (RESIDENTIAL)                 664                25               167               918              2907

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 12                 3                 6                 7                16
                POINT SOURCES                 2                 2                 4                 0                 3
        OPEN BURNING
                AREA SOURCES                  1                 0                 0                 2                 4
        TOTAL (COMM-INST)
                AREA SOURCES                 13                 3                 6                 9                20
                POINT SOURCES                 2                 2                 4                 0                 3

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 36                 8                 8                31                46
        OPEN BURNING
                AREA SOURCES                 13                 0                 4                21                75
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 49                 8                12                52               121

    TOTAL (SOLID WASTE DISP)
```

```
*** NO2 ***                                                                                                        *** NO2 ***

                                               NATIONAL EMISSIONS DATA SYSTEM
                                              ********************************

                                               ENVIRONMENTAL PROTECTION AGENCY
                                              *********************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:18 KENTUCKY        AQCR:104 NORTH CENTRAL KENTUCKY                 POINT EMISSIONS AS OF: THURSDAY       MAY 28, 1981

                                  PARTICULATES       SOX             NOX             HC              CO
                                  ************   ************    ************    ************    ************
                                   TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 60            180               8              60             268
            DISTILLATE OIL                  10            130              82               3              23
            NATURAL GAS                     32              1             262              25              69
            WOOD                           688             13              28             139            4941
            TOTAL (RESIDENTIAL)            790            324             380             227            5301

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               141            841             262               6              17
                POINT SOURCES              169           7551            1768              30             127
            RESIDUAL OIL
                POINT SOURCES               12            103              79               3               3
            DISTILLATE OIL
                AREA SOURCES                12            130             160               7              24
                POINT SOURCES                4             41             113              22               2
            NATURAL GAS
                AREA SOURCES                 5              0            1286             509             176
                POINT SOURCES                7              0             229              12              30
            PROCESS GAS
                POINT SOURCES               13              1              17               6               0
            WOOD
                POINT SOURCES              221             10              82              17              17
            TOTAL (INDUSTRIAL)
                AREA SOURCES               158            971            1708             522             217
                POINT SOURCES              426           7706            2288              90             179

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                18             44              19               0               1
            RESIDUAL OIL
                AREA SOURCES                 0              1               0               0               0
            DISTILLATE OIL
                AREA SOURCES                 2             53              41               1               9
                POINT SOURCES                0              2               1               0               0
            NATURAL GAS
                POINT SOURCES                1              0              19               0               2
            WOOD
                POINT SOURCES               31              2              12               3               3
            LIQUID PETROL GAS
                POINT SOURCES                0              6               1               0               0
```

```
*** NO3 ***                                                                                  *** NO3 ***
                POINT SOURCES              1869          7614          19202          269          1537

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                   14            13            325            6            31
            NATURAL GAS                       4             1            959          264            93
            TOTAL (ELEC GEN)                 18            14           1284          270           124

        INDUSTRIAL FUEL

            NATURAL GAS                      57             9          17306         6155          2211
            TOTAL (INDUSTRIAL)               57             9          17306         6155          2211

        TOTAL (INTERNAL COMB)                75            23          18590         6425          2335

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                595          4345          20462         7646          4092
                POINT SOURCES              1944          7637          37792         6694          3872

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    3             0              0           11             0
    SECONDARY METALS                          1             1              1            1             1
    MINERAL PRODUCTS                        119             0              2            2           197
    PETROLEUM INDUSTRY                      306          6164            910           30           173
    WOOD PRODUCTS                          3329          1074           1203         1432         16553
    ORGANIC SOLVENT EVAPORATION               0             0              0           32             0
    PETROLEUM STORAGE/TRANSPORT               0             0              0           71             0
    OTHER/NOT CLASSIFIED                      2             2              3            2             2
    TOTAL (INDUSTRIAL)                     3760          7241           2119         1581         16926

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 98             1              1          276           828
        OPEN BURNING                        856            34            220         1156          3668
        TOTAL (RESIDENTIAL)                 954            35            221         1432          4496

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES                14             1              4           14            42
        TOTAL (COMM-INST)
                POINT SOURCES                14             1              4           14            42

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                73             7             10           93           701
        OPEN BURNING
                POINT SOURCES               160             0             19           38           471
        TOTAL (INDUSTRIAL)
                POINT SOURCES               233             7             29          131          1172

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                954            35            221         1432          4496
                POINT SOURCES               247             8             33          145          1214

TRANSPORTATION (AREA)
*********************
```

```
*** N04 ***                                                                                              *** N04 ***
    TOTAL (MISCELLANEOUS)                  63143          2        128      38405       4855

GRAND TOTAL
***********

    AREA SOURCES                           95513       9813      51119      89020     413545

    POINT SOURCES                          41830     159153      37081      51300      75671

    TOTAL                                 137343     168966      88200     140320     489216
```

```
*** N05 ***                                                                                    *** N05 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:   TUESDAY     JANUARY 26, 1982
****************************                             AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:20 MAINE          AQCR:110 METROPOLITAN PORTLAND  POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981

                             PARTICULATES        SOX            NOX            HC             CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL           8             20              2              2             71
            DISTILLATE OIL          127           1469            918             51            256
            NATURAL GAS               5              0             43              4             11
            WOOD                   1104             22             44            221           7947
            TOTAL (RESIDENTIAL)    1244           1511           1007            278           8285

        ELEC GENERATION (POINT)

            RESIDUAL OIL            331          11534           3927             37            187
            TOTAL (ELEC GEN)        331          11534           3927             37            187

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES          2              7              3              0              0
            BITUMINOUS COAL
                AREA SOURCES         26            176             47              1              3
            RESIDUAL OIL
                POINT SOURCES      1614          22499           4255             70            354
            DISTILLATE OIL
                AREA SOURCES          2             12             15              0              2
                POINT SOURCES         1             81             13              0              3
            NATURAL GAS
                AREA SOURCES          2              0             33              0              3
                POINT SOURCES         0              0              1              0              0
            COKE
                AREA SOURCES          2              5              2              0              0
            WOOD
                POINT SOURCES       227             27            185             37             37
            TOTAL (INDUSTRIAL)
                AREA SOURCES         34            200            100              1              8
                POINT SOURCES      1842          22607           4454            107            394

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                POINT SOURCES       311           4084            922             15             77
            DISTILLATE OIL
                AREA SOURCES         14            195            149              7             34
                POINT SOURCES         8            201             86              4             20
            NATURAL GAS
                AREA SOURCES          6              0             73              5             12
```

```
        ON SITE INCINERATION
                AREA SOURCES                188                37                37               171               253
                POINT SOURCES                39                16                13                99               131
        OPEN BURNING
                AREA SOURCES                 93                 3                32               163               573
        TOTAL (INDUSTRIAL)
                AREA SOURCES                281                40                69               334               826
                POINT SOURCES                39                16                13                99               131

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               1837               116               458              2547              7744
                POINT SOURCES              1928               286               229               261              3904

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       44742              1587             36738             54563            498695
            LIGHT DUTY TRUCKS          5978               312              6927              9358             74036
            HEAVY DUTY VEHICLES        1920               148              4695              6813             93743
            OFF HIGHWAY                 116                61              1138              4099             43963
            TOTAL (GASOLINE)          52756              2108             49498             74833            710437

        DIESEL

            HEAVY DUTY VEHICLES        3381              1360             13226              1983              5690
            OFF HIGHWAY                 994               832             10046              1476              2973
            RAIL                        251               570              3709               942              1303
            TOTAL (DIESEL)             4626              2762             26981              4401              9966

    AIRCRAFT

        MILITARY                        868                82               523              1545              2782
        CIVIL                             2                 1                 3                51              2425
        COMMERCIAL                       29                63               592               662              1476
        TOTAL (AIRCRAFT)                899               146              1118              2258              6683

    VESSELS

        DIESEL FUEL                     351               440              3278               861              1148
        RESIDUAL OIL                    387              5093               837                59                28
        GASOLINE                          0                10                37              1474              4631
        TOTAL (VESSELS)                 738              5543              4152              2394              5807

    TOTAL (TRANSPORTATION)            59019             10559             81749             83886            732893

MISCELLANEOUS (AREA)
*********************

    FOREST WILDFIRES                     33                 0                 8                47               271
    STRUCTURAL FIRES                    307                 0                37               228              1246
    GASOLINE STA EVAP LOSS                0                 0                 0             14675                 0
    SOLVENT EVAPORATION LOSS              0                 0                 0             70363                 0
    UNPAVED ROADS                     14587                 0                 0                 0                 0
    UNPAVED AIRSTRIPS                    17                 0                 0                 0                 0
    TOTAL (MISCELLANEOUS)             14944                 0                45             85313              1517

GRAND TOTAL
***********

    AREA SOURCES                      77181             16661             93288            173508            746567

    POINT SOURCES                     19054             72552             50229             25520            106773
```

```
          AREA SOURCES                 2580          99         621        3766        11837
          POINT SOURCES                  32           3           8          32           96

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       19691         692       17604       27960       254331
            LIGHT DUTY TRUCKS          2566         124        2854        4215        34332
            HEAVY DUTY VEHICLES         565          45        1486        2217        29830
            OFF HIGHWAY                  45          24         449        1616        17327
            TOTAL (GASOLINE)          22867         885       22393       36008       335820

        DIESEL

            HEAVY DUTY VEHICLES         836         351        3597         534         1488
            OFF HIGHWAY                 353         296        3572         525         1057
            RAIL                         18          42         272          69           96
            TOTAL (DIESEL)             1207         689        7441        1128         2641

    AIRCRAFT

        MILITARY                        158          15          95         280          505
        CIVIL                             1           1           2          24         1110
        COMMERCIAL                       23          50         466         522         1163
        TOTAL (AIRCRAFT)                182          66         563         826         2778

    VESSELS

        DIESEL FUEL                      29          36         272          71           95
        RESIDUAL OIL                     15         192          32           2            1
        GASOLINE                          0          22          84        3406        10699
        TOTAL (VESSELS)                  44         250         388        3479        10795

    TOTAL (TRANSPORTATION)            24300        1890       30785       41441       352034

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    146           1          34         207         1205
    STRUCTURAL FIRES                    198           1          24         149          808
    GASOLINE STA EVAP LOSS                0           0           0        3013            0
    SOLVENT EVAPORATION LOSS              0           0           0       32801            0
    UNPAVED ROADS                      1226           0           0           0            0
    TOTAL (MISCELLANEOUS)              1570           2          58       36170         2013

GRAND TOTAL
***********

    AREA SOURCES                      29068        5772       35097       81656       367825

    POINT SOURCES                     10620       86544       57770        7248         2982

    TOTAL                             39688       92316       92867       88904       370807
```

```
*** N10 ***                                                                                        *** N10 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                                 RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                                    AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:23 MICHIGAN       AQCR:122 CENTRAL MICHIGAN              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                 PARTICULATES          SOX           NOX           HC            CO
                                 ************   ************  ************  ************  ************
                                  TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                 0              7             0             0            25
            DISTILLATE OIL                157           1808          1133            64           315
            NATURAL GAS                   490             26          3903           389           977
            WOOD                          841             16            33           170          6039
            TOTAL (RESIDENTIAL)          1488           1857          5069           623          7356

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             83654         283590         41235           707          2328
            RESIDUAL OIL                 1280          19802         16500           294           560
            DISTILLATE OIL                  0            104            73             2            13
            NATURAL GAS                     6              0           385             1            11
            TOTAL (ELEC GEN)            84940         303496         58193          1004          2912

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES            8478          48374         16557           343           785
            RESIDUAL OIL
                POINT SOURCES             424           5511          2725            76           163
            DISTILLATE OIL
                POINT SOURCES             153            488           563            30            48
            NATURAL GAS
                AREA SOURCES              117              7         12344          4420          1621
                POINT SOURCES             109              6          6834            28           159
            TOTAL (INDUSTRIAL)
                AREA SOURCES              117              7         12344          4420          1621
                POINT SOURCES            9164          54379         26679           477          1155

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              110            267           116             0             8
            BITUMINOUS COAL
                POINT SOURCES              70             86            43             5             8
            RESIDUAL OIL
                AREA SOURCES               43            311           146             1             8
                POINT SOURCES              27            175            69             4             4
            DISTILLATE OIL
                AREA SOURCES               19            339           258             8            59
            NATURAL GAS
                AREA SOURCES              202              9          2384           162           398
```

```
*** N11 ***                                                                                   *** N11 ***
                AREA SOURCES                  140          7       1710        114        288
                POINT SOURCES                  13          1        902          2         24
            TOTAL (COMM-INST)
                AREA SOURCES                  252        563       2024        119        333
                POINT SOURCES                1230      20837       4770         87        272

         TOTAL (EXTERNAL COMB)
                AREA SOURCES                  980       1862      12886       3220       3987
                POINT SOURCES                8055      97697      29624        764       1482

      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

            DISTILLATE OIL                     28         80        392          0          0
            NATURAL GAS                        10          4        282         12         33
            TOTAL (ELEC GEN)                   38         84        674         12         33

         TOTAL (INTERNAL COMB)                 38         84        674         12         33

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES                  980       1862      12886       3220       3987
                POINT SOURCES                8093      97781      30298        776       1515

   INDUSTRIAL PROCESS (POINT)
   **************************

      FOOD/AGRICULTURAL                         9          0          0          0          0
      SECONDARY METALS                        388          0         19          0       7394
      MINERAL PRODUCTS                        178         47          0          0          0
      PETROLEUM INDUSTRY                        0        319        320        512          0
      ORGANIC SOLVENT EVAPORATION              63          0          0      34211          0
      PETROLEUM STORAGE/TRANSPORT               0          0          0       3232          0
      OTHER/NOT CLASSIFIED                      0        100          0          0          0
      TOTAL (INDUSTRIAL)                      638        466        339      37955       7394

   SOLID WASTE DISPOSAL
   ********************

      GOVERNMENT (POINT)

         OTHER INCINERATION                    12          3         18          3          0
         TOTAL (GOVERNMENT)                    12          3         18          3          0

      RESIDENTIAL (AREA)

         ON SITE INCINERATION                1029         15         34       2894       8681
         OPEN BURNING                        1546         57        396       2083       6609
         TOTAL (RESIDENTIAL)                 2575         72        430       4977      15290

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                AREA SOURCES                  195         62         93        115        268
                POINT SOURCES                   2          1          1        130        390
         OPEN BURNING
                AREA SOURCES                    5          0          0         10         20
         TOTAL (COMM-INST)
                AREA SOURCES                  200         62         93        125        288
                POINT SOURCES                   2          1          1        130        390

      INDUSTRIAL

         ON SITE INCINERATION
                AREA SOURCES                   35          6          6         33         49
```

```
          TOTAL (GOVERNMENT)                 2           0           1           0           2

     RESIDENTIAL (AREA)

          ON SITE INCINERATION            1522          23          48        4282       12844
          OPEN BURNING                    1260          48         322        1699        5392
          TOTAL (RESIDENTIAL)             2782          71         370        5981       18236

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    POINT SOURCES         3575          70         244          76         109
          OPEN BURNING
                    AREA SOURCES             5           0           1           9          21
          TOTAL (COMM-INST)
                    AREA SOURCES             5           0           1           9          21
                    POINT SOURCES         3575          70         244          76         109

     INDUSTRIAL

          ON SITE INCINERATION
                    POINT SOURCES          593           9          33          11          15
          TOTAL (INDUSTRIAL)
                    POINT SOURCES          593           9          33          11          15

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES          2787          71         371        5990       18257
                    POINT SOURCES         4170          79         278          87         126

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES       38411        1193       28917       48569      465600
               LIGHT DUTY TRUCKS          7450         329        7476       11657       98869
               HEAVY DUTY VEHICLES        1712         122        4019        6252       85719
               OFF HIGHWAY                 126          68        1249        4495       48209
               TOTAL (GASOLINE)          47699        1712       41661       70973      698397

          DIESEL

               HEAVY DUTY VEHICLES        5508        2130       21967        3468        9543
               OFF HIGHWAY                 602         505        6086         894        1801
               RAIL                        472        1075        6976        1772        2451
               TOTAL (DIESEL)             6582        3710       35029        6134       13795

     AIRCRAFT

          MILITARY                          88           8          54         157         283
          CIVIL                              4           1           5          84        3840
          COMMERCIAL                        43          95         884         990        2206
          TOTAL (AIRCRAFT)                 135         104         943        1231        6329

     VESSELS

          DIESEL FUEL                       12          15         110          28          39
          GASOLINE                           0           3          15         620        1947
          TOTAL (VESSELS)                   12          18         125         648        1986

     TOTAL (TRANSPORTATION)              54428        5544       77758       78986      720507

MISCELLANEOUS (AREA)
********************
```

```
*** N14 ***                                                                                                   *** N14 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   TUESDAY     JANUARY 26, 1982
****************************                                        AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:25 MISSISSIPPI     AQCR:005 MOBILE-PENSACOLA-PANAMA CITY-S   POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                                  PARTICULATES        SOX            NOX            HC             CO
                                  ************   ************   ************   ************   ************
                                   TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                      1             32             17              0              2
         NATURAL GAS                       128              4           1013            105            257
         WOOD                             1863             37             76            376          13383
         TOTAL (RESIDENTIAL)              1992             73           1106            481          13642

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                  4358         114092          31806            470           2466
         RESIDUAL OIL                     2793          62331          10576            140            672
         DISTILLATE OIL                     12           1353             93             24             58
         NATURAL GAS                      1074            399          10575            232            908
         TOTAL (ELEC GEN)                 8237         178175          53050            866           4104

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                   214           2290            402              9             24
         RESIDUAL OIL
            AREA SOURCES                   948          16500           3281             53            273
            POINT SOURCES                 1594          29363           4229           1682           1845
         DISTILLATE OIL
            AREA SOURCES                     2             45             57              0              3
            POINT SOURCES                  248           8946           1005           1652           1685
         NATURAL GAS
            AREA SOURCES                   226             11          32922          12467           4404
            POINT SOURCES                  240           1912          10712           1643           5558
         WOOD
            POINT SOURCES                  794           4188           2117           7385           4242
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  1390          18846          36662          12529           4704
            POINT SOURCES                 2876          44409          18063          12362          13330

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                  1144          20220           4019             66            335
         DISTILLATE OIL
            AREA SOURCES                     3             72             53              1             12
         NATURAL GAS
            AREA SOURCES                    87              3           1059             68            181
         TOTAL (COMM-INST)
            AREA SOURCES                  1234          20295           5131            135            528
```

```
*** N15 ***                                                                                        *** N15 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE EMISSIONS REPORT                                                 RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:   TUE:DAY       JULY 21, 1981
STATE 26:MISSOURI                                          POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX          NOX          HC           CO
                              ************   ************ ************ ************ ************
                               TONS / YR      TONS / YR    TONS / YR    TONS / YR    TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL          41           258            2          103          197
            DISTILLATE OIL           79           958          605           98          163
            NATURAL GAS             975            43         7766          852         1948
            WOOD                   8437           166          337         1747        60588
            TOTAL (RESIDENTIAL)    9532          1425         8710         2800        62896

        ELEC GENERATION (POINT)

            ANTHRACITE COAL          94          1069           94            0            9
            BITUMINOUS COAL       32213       1019821       292908         3417        10899
            RESIDUAL OIL             43          7071         1093           19           44
            DISTILLATE OIL            0           469          263            8           44
            NATURAL GAS              74             9         6631           18          162
            TOTAL (ELEC GEN)      32424       1028439       300989         3462        11158

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                POINT SOURCES        74          1108          525            9           29
            BITUMINOUS COAL
                AREA SOURCES       3843         29184         5132          244          325
                POINT SOURCES      6497         13016         3276          119          280
            RESIDUAL OIL
                AREA SOURCES          0             0            0           30            0
                POINT SOURCES       741          4235         1526           68          116
            DISTILLATE OIL
                POINT SOURCES        13            67           41           19           11
            NATURAL GAS
                AREA SOURCES        141             5        10135         3246         1284
                POINT SOURCES       170            15         3616           55          124
            PROCESS GAS
                POINT SOURCES         0          2322            0            0            0
            WOOD
                AREA SOURCES          8             2           10            2            3
            LIQUID PETROL GAS
                POINT SOURCES         6             1           16            2            2
            OTHER
                POINT SOURCES       210           797         1169          187          159
            TOTAL (INDUSTRIAL)
                AREA SOURCES       3992         29191        15277         3522         1612
                POINT SOURCES      7711         21561        10169          459          721
```

AREA SOURCES	2	85	62	1	8
POINT SOURCES	1	21	11	0	2
NATURAL GAS					
AREA SOURCES	38	1	494	27	87
POINT SOURCES	27	2	268	1255	34
LIQUID PETROL GAS					
POINT SOURCES	0	0	2	131	0
TOTAL (COMM-INST)					
AREA SOURCES	173	1070	765	30	107
POINT SOURCES	28	23	281	1386	36
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1995	5081	3536	667	8924
POINT SOURCES	3076	53298	40736	1812	955
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	3	6	83	10	51
NATURAL GAS	1	1	16	1	2
OTHER	1	2	4	0	0
TOTAL (ELEC GEN)	5	9	103	11	53
INDUSTRIAL FUEL					
DISTILLATE OIL	1	3	19	1	1
TOTAL (INDUSTRIAL)	1	3	19	1	1
TOTAL (INTERNAL COMB)	6	12	122	12	54
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1995	5081	3536	667	8924
POINT SOURCES	3082	53310	40858	1824	1009
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	5873	0	89	1565	4480
FOOD/AGRICULTURAL	1708	0	0	0	0
SECONDARY METALS	69	0	0	0	155
MINERAL PRODUCTS	37973	12666	3317	23	65
ORGANIC SOLVENT EVAPORATION	4	0	0	1423	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	697	0
OTHER/NOT CLASSIFIED	6	3248	0	0	0
TOTAL (INDUSTRIAL)	45633	15914	3406	3708	4700
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	0	0	0	0	1
OTHER INCINERATION	233	534	221	48	0
TOTAL (GOVERNMENT)	233	534	221	48	1
RESIDENTIAL (AREA)					
OPEN BURNING	498	11	129	664	2096
TOTAL (RESIDENTIAL)	498	11	129	664	2096
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	1871	3	15	111	1300

```
A01...STATE:18 KENTUCKY          AQCR:072
B01...STATE:18 KENTUCKY          AQCR:072
C01...STATE:18 KENTUCKY          AQCR:072
D01...STATE:18 KENTUCKY          AQCR:077
E01...STATE:18 KENTUCKY          AQCR:077
F01...STATE:18 KENTUCKY          AQCR:077
G01...STATE:18 KENTUCKY          AQCR:077
H01...STATE:18 KENTUCKY          AQCR:078
I01...STATE:18 KENTUCKY          AQCR:078
J01...STATE:18 KENTUCKY          AQCR:078
K01...STATE:18 KENTUCKY          AQCR:078
L01...STATE:18 KENTUCKY          AQCR:078
M01...STATE:18 KENTUCKY          AQCR:079
N01...STATE:18 KENTUCKY          AQCR:079
O01...STATE:18 KENTUCKY          AQCR:079
A02...STATE:18 KENTUCKY          AQCR:079
B02...STATE:18 KENTUCKY          AQCR:101
C02...STATE:18 KENTUCKY          AQCR:101
D02...STATE:18 KENTUCKY          AQCR:101
E02...STATE:18 KENTUCKY          AQCR:101
F02...STATE:18 KENTUCKY          AQCR:102
G02...STATE:18 KENTUCKY          AQCR:102
H02...STATE:18 KENTUCKY          AQCR:102
I02...STATE:18 KENTUCKY          AQCR:102
J02...STATE:18 KENTUCKY          AQCR:103
K02...STATE:18 KENTUCKY          AQCR:103
L02...STATE:18 KENTUCKY          AQCR:103
M02...STATE:18 KENTUCKY          AQCR:103
N02...STATE:18 KENTUCKY          AQCR:104
O02...STATE:18 KENTUCKY          AQCR:104
A03...STATE:18 KENTUCKY          AQCR:104
B03...STATE:18 KENTUCKY          AQCR:104
C03...STATE:18 KENTUCKY          AQCR:105
D03...STATE:18 KENTUCKY          AQCR:105
E03...STATE:18 KENTUCKY          AQCR:105
F03...STATE:18 KENTUCKY          AQCR:105
G03...STATE:18 KENTUCKY          AQCR:105
H03...STATE 19:LOUISIANA
I03...STATE 19:LOUISIANA
J03...STATE 19:LOUISIANA
K03...STATE 19:LOUISIANA
L03...STATE 19:LOUISIANA
M03...STATE:19 LOUISIANA         AQCR:019
N03...STATE:19 LOUISIANA         AQCR:019
O03...STATE:19 LOUISIANA         AQCR:019

A04...STATE:19 LOUISIANA         AQCR:019
B04...STATE:19 LOUISIANA         AQCR:022
C04...STATE:19 LOUISIANA         AQCR:022
D04...STATE:19 LOUISIANA         AQCR:022
E04...STATE:19 LOUISIANA         AQCR:022
F04...STATE:19 LOUISIANA         AQCR:106
G04...STATE:19 LOUISIANA         AQCR:106
H04...STATE:19 LOUISIANA         AQCR:106
I04...STATE:19 LOUISIANA         AQCR:106
J04...STATE:19 LOUISIANA         AQCR:106
K04...STATE 20:MAINE
L04...STATE 20:MAINE
M04...STATE 20:MAINE
N04...STATE 20:MAINE
O04...STATE 20:MAINE
A05...STATE:20 MAINE             AQCR:107
B05...STATE:20 MAINE             AQCR:107
C05...STATE:20 MAINE             AQCR:107
D05...STATE:20 MAINE             AQCR:107
E05...STATE:20 MAINE             AQCR:107
F05...STATE:20 MAINE             AQCR:108
G05...STATE:20 MAINE             AQCR:108
H05...STATE:20 MAINE             AQCR:108
I05...STATE:20 MAINE             AQCR:108
J05...STATE:20 MAINE             AQCR:109
K05...STATE:20 MAINE             AQCR:109
L05...STATE:20 MAINE             AQCR:109
M05...STATE:20 MAINE             AQCR:109
N05...STATE:20 MAINE             AQCR:110
O05...STATE:20 MAINE             AQCR:110
A06...STATE:20 MAINE             AQCR:110
B06...STATE:20 MAINE             AQCR:110
C06...STATE:20 MAINE             AQCR:110
D06...STATE:20 MAINE             AQCR:111
E06...STATE:20 MAINE             AQCR:111
F06...STATE 21:MARYLAND
G06...STATE 21:MARYLAND
H06...STATE 21:MARYLAND
I06...STATE 21:MARYLAND
J06...STATE 21:MARYLAND
K06...STATE:21 MARYLAND          AQCR:047
L06...STATE:21 MARYLAND          AQCR:047
M06...STATE:21 MARYLAND          AQCR:047
N06...STATE:21 MARYLAND          AQCR:047
O06...STATE:21 MARYLAND          AQCR:112

A07...STATE:21 MARYLAND          AQCR:112
B07...STATE:21 MARYLAND          AQCR:112
C07...STATE:21 MARYLAND          AQCR:112
D07...STATE:21 MARYLAND          AQCR:113
E07...STATE:21 MARYLAND          AQCR:113
F07...STATE:21 MARYLAND          AQCR:113
G07...STATE:21 MARYLAND          AQCR:113
H07...STATE:21 MARYLAND          AQCR:114
I07...STATE:21 MARYLAND          AQCR:114
J07...STATE:21 MARYLAND          AQCR:114
K07...STATE:21 MARYLAND          AQCR:114
L07...STATE:21 MARYLAND          AQCR:115
M07...STATE:21 MARYLAND          AQCR:115
N07...STATE:21 MARYLAND          AQCR:115
O07...STATE:21 MARYLAND          AQCR:115
A08...STATE:21 MARYLAND          AQCR:115
B08...STATE:21 MARYLAND          AQCR:116
C08...STATE:21 MARYLAND          AQCR:116
D08...STATE:21 MARYLAND          AQCR:116
E08...STATE:21 MARYLAND          AQCR:116
F08...STATE 22:MASSACHUSETTS
G08...STATE 22:MASSACHUSETTS
H08...STATE 22:MASSACHUSETTS
I08...STATE 22:MASSACHUSETTS
J08...STATE 22:MASSACHUSETTS
K08...STATE:22 MASSACHUSETTS     AQCR:042
L08...STATE:22 MASSACHUSETTS     AQCR:042
M08...STATE:22 MASSACHUSETTS     AQCR:042
N08...STATE:22 MASSACHUSETTS     AQCR:042
O08...STATE:22 MASSACHUSETTS     AQCR:117
A09...STATE:22 MASSACHUSETTS     AQCR:117
B09...STATE:22 MASSACHUSETTS     AQCR:117
C09...STATE:22 MASSACHUSETTS     AQCR:117
D09...STATE:22 MASSACHUSETTS     AQCR:118
E09...STATE:22 MASSACHUSETTS     AQCR:118
F09...STATE:22 MASSACHUSETTS     AQCR:118
G09...STATE:22 MASSACHUSETTS     AQCR:118
H09...STATE:22 MASSACHUSETTS     AQCR:119
I09...STATE:22 MASSACHUSETTS     AQCR:119
J09...STATE:22 MASSACHUSETTS     AQCR:119
K09...STATE:22 MASSACHUSETTS     AQCR:119
L09...STATE:22 MASSACHUSETTS     AQCR:120
M09...STATE:22 MASSACHUSETTS     AQCR:120
N09...STATE:22 MASSACHUSETTS     AQCR:120
O09...STATE:22 MASSACHUSETTS     AQCR:120
```

```
FICHE/SEGMT    4    4 CKPT:    1, 1758,  522,    2,  126
```

```
*** 001 ***                                                                                          *** 001 ***
            AREA SOURCES                726          36         185         979        3048
            POINT SOURCES                70           3          10           1           3

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        5243         207        5068        7606       66418
            LIGHT DUTY TRUCKS           984          61        1344        1667       12634
            HEAVY DUTY VEHICLES         256          24         769         945       12933
            OFF HIGHWAY                  24          11         241         865        9266
            TOTAL (GASOLINE)           6507         303        7422       11083      101251

        DIESEL

            HEAVY DUTY VEHICLES         217         104        1000         123         353
            OFF HIGHWAY                 170         143        1736         256         514
            RAIL                        107         241        1565         397         550
            TOTAL (DIESEL)              494         488        4301         776        1417

    AIRCRAFT

        MILITARY                          2           0           1           3           5
        CIVIL                             0           0           0           6         334
        COMMERCIAL                       22          48         450         503        1123
        TOTAL (AIRCRAFT)                 24          48         451         512        1462

    VESSELS

        DIESEL FUEL                     143         180        1339         351         469
        GASOLINE                          0           3           8         400        1253
        TOTAL (VESSELS)                 143         183        1347         751        1722

    TOTAL (TRANSPORTATION)             7168        1022       13521       13122      105852

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     22           0           4          28         174
    STRUCTURAL FIRES                     82           0           8          63         340
    GASOLINE STA EVAP LOSS                0           0           0        1899           0
    SOLVENT EVAPORATION LOSS              0           0           0        6515           0
    UNPAVED ROADS                      2360           0           0           0           0
    TOTAL (MISCELLANEOUS)              2464           0          12        8505         514

GRAND TOTAL
***********

    AREA SOURCES                      11036        4498       17426       23610      110760

    POINT SOURCES                     20484       53407       19117        2600        2901

    TOTAL                             31520       57905       36543       26210      113661
```

```
            TOTAL (COMM-INST)
                AREA SOURCES                 20                98                60                 1                10
                POINT SOURCES                32                10                33                 3                 5

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                968              1393              2148               750              5528
                POINT SOURCES               458              7716              2321                93               184

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                       1                 0                94               126                92
            TOTAL (INDUSTRIAL)                1                 0                94               126                92

        TOTAL (INTERNAL COMB)                 1                 0                94               126                92

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                968              1393              2148               750              5528
                POINT SOURCES               459              7716              2415               219               276

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   55                 0                 0              9033                 0
    FOOD/AGRICULTURAL                       420                 0                 0             10188                 0
    SECONDARY METALS                        148                 0                17                 4                 0
    MINERAL PRODUCTS                       4819             13719              6754               272               815
    PETROLEUM INDUSTRY                        6                 0                96                 1                 7
    WOOD PRODUCTS                           124                 0                 0                 0                 0
    ORGANIC SOLVENT EVAPORATION               7                 0                39               696                 5
    PETROLEUM STORAGE/TRANSPORT               0                 0                 0               340                 0
    METAL FABRICATION                         0                 0                 0                 2                16
    OTHER/NOT CLASSIFIED                      7                 0                 0               217                 0
    TOTAL (INDUSTRIAL)                     5586             13719              6906             20753               843

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 15                 0                 0                41               130
        OPEN BURNING                        602                22               153               810              2576
        TOTAL (RESIDENTIAL)                 617                22               153               851              2706

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                  5                 1                 3                 3                15
                POINT SOURCES                 8                 1                 2                 0                 3
        TOTAL (COMM-INST)
                AREA SOURCES                  5                 1                 3                 3                15
                POINT SOURCES                 8                 1                 2                 0                 3

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 17                 2                 2                16                24
                POINT SOURCES                75                 2                30               115              1224
        OPEN BURNING
                AREA SOURCES                  3                 0                 1                 6                20
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 20                 2                 3                22                44
                POINT SOURCES                75                 2                30               115              1224
```

```
*** 003 ***                                                                                        *** 003 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           4633          230          5181          6551          53595
         LIGHT DUTY TRUCKS             1593          117          2526          2764          19336
         HEAVY DUTY VEHICLES            446           44          1496          1608          22080
         OFF HIGHWAY                     41           20           406          1461          15676
         TOTAL (GASOLINE)              6713          411          9609         12384         110687

      DIESEL

         HEAVY DUTY VEHICLES            871          430          3902           470           1399
         OFF HIGHWAY                    234          195          2360           349            700
         RAIL                            72          163          1055           268            371
         TOTAL (DIESEL)                1177          788          7317          1087           2470

   AIRCRAFT

      MILITARY                           26            2            16            46             83
      CIVIL                               0            0             1            32           1544
      COMMERCIAL                          3            6            54            60            134
      TOTAL (AIRCRAFT)                   29            8            71           138           1761

   VESSELS

      DIESEL FUEL                        68           88           648           172            228
      GASOLINE                            0            5            15           583           1832
      TOTAL (VESSELS)                    68           93           663           755           2060

   TOTAL (TRANSPORTATION)              7987         1300         17660         14364         116978

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     223            0            51           313           1839
   FOREST MANAGED BURNING              1175            9           236          1057           6580
   STRUCTURAL FIRES                      91            0            10            70            371
   GASOLINE STA EVAP LOSS                 0            0             0          2077              0
   SOLVENT EVAPORATION LOSS               0            0             0          7391              0
   UNPAVED ROADS                      41024            0             0             0              0
   UNPAVED AIRSTRIPS                      6            0             0             0              0
   TOTAL (MISCELLANEOUS)              42519            9           297         10908           8790

GRAND TOTAL
***********

   AREA SOURCES                       52055         5689         38640         34350         134356

   POINT SOURCES                       5951        14886         39944          8420          22012

   TOTAL                              58006        20575         78584         42770         156368
```

```
                POINT SOURCES              0          0          1          0          0
            TOTAL (COMM-INST)
                AREA SOURCES              20        195        222         12         46
                POINT SOURCES            319       4285       1009         19         97

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            1298       1906       1329        291       8339
                POINT SOURCES           2492      38426       9390        163        678

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                 9         46        120         10         27
            TOTAL (ELEC GEN)               9         46        120         10         27

        TOTAL (INTERNAL COMB)              9         46        120         10         27

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            1298       1906       1329        291       8339
                POINT SOURCES           2501      38472       9510        173        705

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 0          0          0         27          0
    FOOD/AGRICULTURAL                     56          0          0          0          0
    SECONDARY METALS                       8          0          0          0         50
    MINERAL PRODUCTS                    1895        470        372         27          0
    WOOD PRODUCTS                       2558        276        104          0       2132
    ORGANIC SOLVENT EVAPORATION            0          0          0       1921          0
    PETROLEUM STORAGE/TRANSPORT            0          0          0      21219          0
    OTHER/NOT CLASSIFIED                  15          0          0        468          0
    TOTAL (INDUSTRIAL)                  4532        746        476      23662       2182

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           155         19         15         75        192
        OPEN BURNING                     445         28        166        834       2364
        TOTAL (GOVERNMENT)               600         47        181        909       2556

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             254          4          7        712       2138
        OPEN BURNING                     877         33        225       1184       3753
        TOTAL (RESIDENTIAL)             1131         37        232       1896       5891

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              62         20         30         37         86
                POINT SOURCES              5          4          5          5         15
        OPEN BURNING
                AREA SOURCES               2          0          0          4          8
        TOTAL (COMM-INST)
                AREA SOURCES              64         20         30         41         94
                POINT SOURCES              5          4          5          5         15

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              10          2          2          8         12
```

```
*** 006 ***                                                                                            *** 006 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:21 MARYLAND       AQCR:112 CENTRAL MARYLAND               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                    PARTICULATES        SOX            NOX            HC             CO
                                    ************    ************   ************   ************   ************
                                     TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                   2               6              1              1             21
            BITUMINOUS COAL                   4              14              1              4             17
            DISTILLATE OIL                   22             256            160              9             45
            NATURAL GAS                       6               0             46              5             12
            WOOD                             54               1              2             11            387
            TOTAL (RESIDENTIAL)              88             277            210             30            482

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                75             361             59              4              8
            DISTILLATE OIL
                AREA SOURCES                  4              39             48              3              7
            NATURAL GAS
                AREA SOURCES                  5               0            217             58             26
            TOTAL (INDUSTRIAL)
                AREA SOURCES                  9              39            265             61             33
                POINT SOURCES                75             361             59              4              8

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 11              26              5              0              1
            RESIDUAL OIL
                POINT SOURCES                24             318            150              3             13
            DISTILLATE OIL
                AREA SOURCES                  2              35             26              1              6
            NATURAL GAS
                AREA SOURCES                  2               0             29              2              5
            TOTAL (COMM-INST)
                AREA SOURCES                 15              61             60              3             12
                POINT SOURCES                24             318            150              3             13

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                112             377            535             94            527
                POINT SOURCES                99             679            209              7             21

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                112             377            535             94            527
                POINT SOURCES                99             679            209              7             21

INDUSTRIAL PROCESS (POINT)
```

TOTAL	96235	89213	143517	199028	853340

```
*** 008 ***                                                                                                              *** 008 ***
                                                NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                               *********************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                      AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:22 MASSACHUSETTS   AQCR:117 BERKSHIRE                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES          SOX               NOX                HC                CO
                                   ************      ************      ************      ************      ************
                                    TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
****************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                   3                 9                 1                 1                31
            DISTILLATE OIL                   51               582               364                20               101
            NATURAL GAS                       8                 0                65                 6                16
            WOOD                            160                 3                 6                32              1152
            TOTAL (RESIDENTIAL)             222               594               436                59              1300

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                 11                77                20                 1                 1
            RESIDUAL OIL
                POINT SOURCES               424              5624              1006                40                84
            DISTILLATE OIL
                AREA SOURCES                  2                23                28                 2                 4
            NATURAL GAS
                AREA SOURCES                  3                 0                68                10                 7
                POINT SOURCES                 2                 0                81                 0                 3
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 16               100               116                13                12
                POINT SOURCES               426              5624              1087                40                87

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                  3                 8                 4                 0                 0
            RESIDUAL OIL
                AREA SOURCES                  5                40                17                 0                 1
                POINT SOURCES                17               225                42                 1                 4
            DISTILLATE OIL
                AREA SOURCES                  8               117                89                 4                20
                POINT SOURCES                 1                13                 7                 0                 2
            NATURAL GAS
                AREA SOURCES                  5                 0                56                 4                 9
            TOTAL (COMM-INST)
                AREA SOURCES                 21               165               166                 8                30
                POINT SOURCES                18               238                49                 1                 6

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                259               859               718                80              1342
                POINT SOURCES               444              5862              1136                41                93

    TOTAL (FUEL COMBUSTION)
```

*** 009 *** *** 009 ***

*** 010 *** *** 010 ***

POINT SOURCES	7	0	108	6	15
TOTAL (COMM-INST)					
AREA SOURCES	374	926	2904	171	473
POINT SOURCES	104	261	220	15	27
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1979	2790	20317	5214	9450
POINT SOURCES	94208	358136	85092	1496	4094
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	35	136	479	0	0
NATURAL GAS	47	178	1131	126	344
TOTAL (ELEC GEN)	82	314	1610	126	344
TOTAL (INTERNAL COMB)	82	314	1610	126	344
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1979	2790	20317	5214	9450
POINT SOURCES	94290	358450	86702	1622	4438
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	96	1205	0	455	0
FOOD/AGRICULTURAL	721	150	0	36	0
PRIMARY METAL	40	0	0	153	63
SECONDARY METALS	1624	59	118	0	104037
MINERAL PRODUCTS	1818	75	0	0	0
PETROLEUM INDUSTRY	918	3320	387	3535	49747
WOOD PRODUCTS	260	440	43	113	3904
ORGANIC SOLVENT EVAPORATION	53	0	0	40382	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	11893	0
METAL FABRICATION	0	0	0	46	0
OTHER/NOT CLASSIFIED	246	1183	297	2708	28280
TOTAL (INDUSTRIAL)	5776	6432	845	59321	186031
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	48	10	8	58	77
OTHER INCINERATION	68	20	108	22	0
TOTAL (GOVERNMENT)	116	30	116	80	77
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1678	22	51	4704	14116
OPEN BURNING	2471	93	635	3336	10579
TOTAL (RESIDENTIAL)	4149	115	686	8040	24695
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	322	97	155	191	447
POINT SOURCES	68	1340	6642	2005	2009
OPEN BURNING					
AREA SOURCES	7	0	2	12	30
TOTAL (COMM-INST)					
AREA SOURCES	329	97	157	203	477
POINT SOURCES	68	1340	6642	2005	2009

```
*** 011 ***                                                                                    *** 011 ***
                POINT SOURCES            7           6           5          35          47
     OPEN BURNING
                AREA SOURCES            12           0           3          20          75
                POINT SOURCES           30           1          10          48         170
     TOTAL (INDUSTRIAL)
                AREA SOURCES            47           6           9          53         124
                POINT SOURCES           37           7          15          83         217

  TOTAL (SOLID WASTE DISP)
                AREA SOURCES          2822         140         532        5155       15702
                POINT SOURCES           51          11          34         216         607

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES          26078        1124       26127       33420      299343
        LIGHT DUTY TRUCKS             6473         410        9353       11187       85734
        HEAVY DUTY VEHICLES           1184         108        3734        4519       61833
        OFF HIGHWAY                    141          73        1392        5011       53736
        TOTAL (GASOLINE)             33876        1715       40606       54137      500646

     DIESEL

        HEAVY DUTY VEHICLES           1756         800        8067        1071        2985
        OFF HIGHWAY                    901         755        9109        1339        2696
        RAIL                           164         374        2431         617         853
        TOTAL (DIESEL)                2821        1929       19607        3027        6534

  AIRCRAFT

     MILITARY                           59           5          35         106         192
     CIVIL                               3           0           4          84        3787
     COMMERCIAL                         10          23         223         250         558
     TOTAL (AIRCRAFT)                   72          28         262         440        4537

  VESSELS

     GASOLINE                            0          14          54        2242        7047
     TOTAL (VESSELS)                     0          14          54        2242        7047

  TOTAL (TRANSPORTATION)             36769        3686       60529       59846      518764

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                       9           0           2          13          79
  STRUCTURAL FIRES                      81           0          10          60         327
  GASOLINE STA EVAP LOSS                 0           0           0        5355           0
  SOLVENT EVAPORATION LOSS               0           0           0       71577           0
  UNPAVED ROADS                     107375           0           0           0           0
  TOTAL (MISCELLANEOUS)             107465           0          12       77005         406

GRAND TOTAL
***********

  AREA SOURCES                      148036        5688       73959      145226      538859

  POINT SOURCES                       8782       98258       30671       38947        9516

  TOTAL                             156818      103946      104630      184173      548375
```

```
*** 012 ***                                                                                                  *** 012 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:   TUESDAY    JANUARY 26, 1982
******************************                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:24 MINNESOTA      AQCR:128 SOUTHEAST MINNESOTA-LA CROSSE      POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                  PARTICULATES         SOX              NOX              HC               CO
                                  ************    ************     ************     ************     ************
                                   TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    115            1324              827               45              228
         NATURAL GAS                       109               3              864               87              217
         WOOD                              505               9               20              103             3618
         TOTAL (RESIDENTIAL)               729            1336             1711              235             4063

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                   367           12956             3004               95              235
         LIGNITE                           787            2161              789               51              119
         RESIDUAL OIL                      126            2570              937                9               45
         DISTILLATE OIL                      0               3                2                0                0
         NATURAL GAS                         7               0              816                2               29
         OTHER                               1               3               21                4                4
         TOTAL (ELEC GEN)                 1288           17693             5569              161              432

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                   100             312              163                3                9
            POINT SOURCES                  827            1195              235                6               16
         RESIDUAL OIL
            POINT SOURCES                  121            1632              308                5               25
         DISTILLATE OIL
            AREA SOURCES                    22             214              261               12               40
            POINT SOURCES                    0              19                5                0                1
         NATURAL GAS
            AREA SOURCES                    44               0             2736              857              345
            POINT SOURCES                   14               0              455                3               25
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   166             526             3160              872              394
            POINT SOURCES                  962            2846             1003               14               67

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                     2               4                2                0                0
         RESIDUAL OIL
            POINT SOURCES                   59            1245              251                3               21
         DISTILLATE OIL
            AREA SOURCES                    42             573              435               18              102
         NATURAL GAS
            AREA SOURCES                    41               1              496               33               84
```

```
    FOREST WILDFIRES                      40             0             9            56           328
    STRUCTURAL FIRES                     536             1            64           401          2182
    GASOLINE STA EVAP LOSS                 0             0             0          9010             0
    SOLVENT EVAPORATION LOSS               0             0             0         94675             0
    UNPAVED ROADS                     167199             0             0             0             0
    TOTAL (MISCELLANEOUS)             167775             1            73        104142          2510

GRAND TOTAL
***********

    AREA SOURCES                      226401         11668         96984        192700        745057

    POINT SOURCES                      21585         98954         44539         38178          7815

    TOTAL                             247986        110622        141523        230878        752872
```

```
*** 014 ***                                                                                                               *** 014 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES               4616             39214             42899             13145             18874
                POINT SOURCES             11113            222584             71113             13228             17434

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               4616             39214             42899             13145             18874
                POINT SOURCES             11113            222584             71113             13228             17434

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 3159             35274              4933               939               100
    FOOD/AGRICULTURAL                       229                 0                 0               213                 0
    PRIMARY METAL                            80               777                 0                 0                 0
    SECONDARY METALS                        118               471                 0               158                 0
    MINERAL PRODUCTS                       1613              2095              1375                24               311
    PETROLEUM INDUSTRY                     2100             26571              5991             14465             24069
    WOOD PRODUCTS                          4009              6094              3320               980             11748
    ORGANIC SOLVENT EVAPORATION              63                 2                16              4186              2048
    PETROLEUM STORAGE/TRANSPORT             156                 0                 0              6665                 0
    OTHER/NOT CLASSIFIED                      0               461                 0                 0                 0
    TOTAL (INDUSTRIAL)                    11527             71745             15635             27630             38276

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                833                 7                22              2338              7013
        OPEN BURNING                       3089               115               789              4164             13207
        TOTAL (RESIDENTIAL)                3922               122               811              6502             20220

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES                  5                 0                 1                 9                21
        TOTAL (COMM-INST)
                AREA SOURCES                  5                 0                 1                 9                21

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES                 45                 1                12                73               270
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 45                 1                12                73               270

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               3972               123               824              6584             20511

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           22327              1028             23465             31153            260245
            LIGHT DUTY TRUCKS              5108               363              7826              9078             64679
            HEAVY DUTY VEHICLES            1595               155              5142              5751             79322
            OFF HIGHWAY                     114                63              1109              3989             42765
            TOTAL (GASOLINE)              29144              1609             37542             49971            447011

        DIESEL

            HEAVY DUTY VEHICLES            4076              1883             17180              2180              6480
```

```
*** 015 ***                                                                                                   *** 015 ***
       COMM-INSTITUTIONAL FUEL

           BITUMINOUS COAL
               AREA SOURCES                816            3106             406              19              76
               POINT SOURCES               852            1372             190              13              29
           RESIDUAL OIL
               AREA SOURCES                444            6180            1561              30             117
               POINT SOURCES                31             424              92               3               8
           DISTILLATE OIL
               AREA SOURCES                 44             764             584              88             120
               POINT SOURCES                 4              30              27               1               3
           NATURAL GAS
               AREA SOURCES                403              18            4873             277             821
               POINT SOURCES                77               6            2206            1268             118
           LIQUID PETROL GAS
               POINT SOURCES                 0               0               2             131               0
           TOTAL (COMM-INST)
               AREA SOURCES               1707           10068            7424             414            1134
               POINT SOURCES               964            1832            2517            1416             158

       TOTAL (EXTERNAL COMB)
               AREA SOURCES              15231           40684           31411            6736           65642
               POINT SOURCES             41099         1051832          313675            5337           12037

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           DISTILLATE OIL                   18             153             210              42             141
           NATURAL GAS                       1               1              16              23              62
           OTHER                             1               2               4               0               0
           TOTAL (ELEC GEN)                 20             156             230              65             203

       INDUSTRIAL FUEL

           DISTILLATE OIL                    1               3              20               1               1
           NATURAL GAS                       3               1             191               7              38
           TOTAL (INDUSTRIAL)                4               4             211               8              39

       COMM-INSTITUTIONAL

           TOTAL (COMM-INST)                43              40             600              48             131

       TOTAL (INTERNAL COMB)                67             200            1041             121             373

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES              15231           40684           31411            6736           65642
               POINT SOURCES             41166         1052032          314716            5458           12410

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               63567           12265            5531           29936           85346
    FOOD/AGRICULTURAL                     8973             109               0               0               0
    PRIMARY METAL                         6102           29806             114            1323            1865
    SECONDARY METALS                       154              22             103               9            1215
    MINERAL PRODUCTS                    105504           20901            6549             253             283
    PETROLEUM INDUSTRY                     627            5293            3434            1908             226
    WOOD PRODUCTS                            5               0               0             376               0
    ORGANIC SOLVENT EVAPORATION             45               3               4          103171              14
    PETROLEUM STORAGE/TRANSPORT              0               7              11            7534               0
    METAL FABRICATION                     2354               0               0             329               0
    OTHER/NOT CLASSIFIED                    82            8375              93              11              19
    TOTAL (INDUSTRIAL)                  187413           76781           15839          144850           88968
```

```
*** 016 ***                                                                                      *** 016 ***
    TOTAL (INDUSTRIAL)
        POINT SOURCES                  1871           3          15         111        1300

  TOTAL (SOLID WASTE DISP)
        AREA SOURCES                    498          11         129         664        2096
        POINT SOURCES                  2104         537         236         159        1301

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

    GASOLINE

      LIGHT DUTY VEHICLES              9996         503       12333       16337      133720
      LIGHT DUTY TRUCKS                3794         283        6389        7349       52518
      HEAVY DUTY VEHICLES               872          92        3320        3440       46791
      OFF HIGHWAY                       173          92        1713        6167       66158
      TOTAL (GASOLINE)                14835         970       23755       33293      299187

    DIESEL

      HEAVY DUTY VEHICLES              1853         915        8833        1057        3037
      OFF HIGHWAY                       380         319        3842         565        1135
      RAIL                              253         575        3706         943        1302
      TOTAL (DIESEL)                   2486        1809       16381        2565        5474

  AIRCRAFT

    MILITARY                              5           1           3           9          17
    CIVIL                                 0           0           0          49        2099
    COMMERCIAL                            3           6          54          60         135
    TOTAL (AIRCRAFT)                      8           7          57         118        2251

  VESSELS

    DIESEL FUEL                          67          84         622         167         216
    GASOLINE                              0          10          50        2004        6305
    TOTAL (VESSELS)                      67          94         672        2171        6521

  TOTAL (TRANSPORTATION)              17396        2880       40865       38147      313433

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                      627           1         146         889        5171
  STRUCTURAL FIRES                      194           0          20         149         811
  GASOLINE STA EVAP LOSS                  0           0           0        4251           0
  SOLVENT EVAPORATION LOSS                0           0           0       17498           0
  UNPAVED ROADS                      679238           0           0           0           0
  UNPAVED AIRSTRIPS                      64           0           0           0           0
  TOTAL (MISCELLANEOUS)              680123           1         166       22787        5982

GRAND TOTAL
***********

  AREA SOURCES                       700012        7973       44696       62265      330435

  POINT SOURCES                       50819       69761       44500        5691        7010

  TOTAL                              750831       77734       89196       67956      337445
```

```
*** 017 ***                                                                                                        *** 017 ***

                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                    ******************************

                                                    ENVIRONMENTAL PROTECTION AGENCY
                                                    *******************************

STATE/AQCR EMISSIONS REPORT                                                             RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                                 AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:27 MONTANA          AQCR:140 BILLINGS                                POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                                    PARTICULATES         SOX              NOX              HC               CO
                                    ************    ************     ************     ************     ************
                                     TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 15               18                1               15               67
            DISTILLATE OIL                   1               35               15                0                3
            NATURAL GAS                     25                1              202               19               50
            WOOD                            45                0                2                9              324
            TOTAL (RESIDENTIAL)             86               54              220               43              444

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                980             9804             5778               96              318
            RESIDUAL OIL                     4                7               16                1                0
            NATURAL GAS                      5                0              211                1                6
            TOTAL (ELEC GEN)               989             9811             6005               98              324

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                70              245              147                4                8
            RESIDUAL OIL
                AREA SOURCES               108             1263              367                6               30
                POINT SOURCES             1092             8460              507                8               22
            DISTILLATE OIL
                POINT SOURCES                0               29                4                0                1
            NATURAL GAS
                AREA SOURCES                12                1             2782             1102              379
                POINT SOURCES               17               26              874                2               25
            PROCESS GAS
                POINT SOURCES                0               48                2                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES               190             1509             3296             1112              417
                POINT SOURCES             1109             8563             1387               10               48

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                 0                5                1                0                0
            DISTILLATE OIL
                AREA SOURCES                 5              112               58                2               11
            NATURAL GAS
                AREA SOURCES                18                1              233               14               40
                POINT SOURCES                1                0                8                1                1
            TOTAL (COMM-INST)
                AREA SOURCES                23              118              292               16               51
                POINT SOURCES                1                0                8                1                1
```

```
A10...STATE:22 MASSACHUSETTS    AQCR:121     A13...STATE:24 MINNESOTA        AQCR:128     A16...STATE 26:MISSOURI
B10...STATE:22 MASSACHUSETTS    AQCR:121     B13...STATE:24 MINNESOTA        AQCR:128     B16...STATE 26:MISSOURI
C10...STATE:22 MASSACHUSETTS    AQCR:121     C13...STATE:24 MINNESOTA        AQCR:128     C16...STATE 26:MISSOURI
D10...STATE:22 MASSACHUSETTS    AQCR:121     D13...STATE:24 MINNESOTA        AQCR:129     D16...STATE:26 MISSOURI         AQCR:070
E10...STATE 23:MICHIGAN                      E13...STATE:24 MINNESOTA        AQCR:129     E16...STATE:26 MISSOURI         AQCR:070
F10...STATE 23:MICHIGAN                      F13...STATE:24 MINNESOTA        AQCR:129     F16...STATE:26 MISSOURI         AQCR:070
G10...STATE 23:MICHIGAN                      G13...STATE:24 MINNESOTA        AQCR:129     G16...STATE:26 MISSOURI         AQCR:070
H10...STATE 23:MICHIGAN                      H13...STATE:24 MINNESOTA        AQCR:130     H16...STATE:26 MISSOURI         AQCR:070
I10...STATE 23:MICHIGAN                      I13...STATE:24 MINNESOTA        AQCR:130     I16...STATE:26 MISSOURI         AQCR:094
J10...STATE:23 MICHIGAN         AQCR:082     J13...STATE:24 MINNESOTA        AQCR:130     J16...STATE:26 MISSOURI         AQCR:094
K10...STATE:23 MICHIGAN         AQCR:082     K13...STATE:24 MINNESOTA        AQCR:130     K16...STATE:26 MISSOURI         AQCR:094
L10...STATE:23 MICHIGAN         AQCR:082     L13...STATE:24 MINNESOTA        AQCR:131     L16...STATE:26 MISSOURI         AQCR:094
M10...STATE:23 MICHIGAN         AQCR:082     M13...STATE:24 MINNESOTA        AQCR:131     M16...STATE:26 MISSOURI         AQCR:137
N10...STATE:23 MICHIGAN         AQCR:122     N13...STATE:24 MINNESOTA        AQCR:131     N16...STATE:26 MISSOURI         AQCR:137
O10...STATE:23 MICHIGAN         AQCR:122     O13...STATE:24 MINNESOTA        AQCR:131     O16...STATE:26 MISSOURI         AQCR:137
A11...STATE:23 MICHIGAN         AQCR:122     A14...STATE:24 MINNESOTA        AQCR:131     A17...STATE:26 MISSOURI         AQCR:137
B11...STATE:23 MICHIGAN         AQCR:122     B14...STATE:24 MINNESOTA        AQCR:132     B17...STATE:26 MISSOURI         AQCR:138
C11...STATE:23 MICHIGAN         AQCR:122     C14...STATE:24 MINNESOTA        AQCR:132     C17...STATE:26 MISSOURI         AQCR:138
D11...STATE:23 MICHIGAN         AQCR:123     D14...STATE:24 MINNESOTA        AQCR:132     D17...STATE:26 MISSOURI         AQCR:138
E11...STATE:23 MICHIGAN         AQCR:123     E14...STATE:24 MINNESOTA        AQCR:132     E17...STATE:26 MISSOURI         AQCR:138
F11...STATE:23 MICHIGAN         AQCR:123     F14...STATE:24 MINNESOTA        AQCR:133     F17...STATE:26 MISSOURI         AQCR:139
G11...STATE:23 MICHIGAN         AQCR:123     G14...STATE:24 MINNESOTA        AQCR:133     G17...STATE:26 MISSOURI         AQCR:139
H11...STATE:23 MICHIGAN         AQCR:123     H14...STATE:24 MINNESOTA        AQCR:133     H17...STATE:26 MISSOURI         AQCR:139
I11...STATE:23 MICHIGAN         AQCR:124     I14...STATE:24 MINNESOTA        AQCR:133     I17...STATE:26 MISSOURI         AQCR:139
J11...STATE:23 MICHIGAN         AQCR:124     J14...STATE 25:MISSISSIPPI                   J17...STATE:26 MISSOURI         AQCR:139
K11...STATE:23 MICHIGAN         AQCR:124     K14...STATE 25:MISSISSIPPI                   K17...STATE 27:MONTANA
L11...STATE:23 MICHIGAN         AQCR:124     L14...STATE 25:MISSISSIPPI                   L17...STATE 27:MONTANA
M11...STATE:23 MICHIGAN         AQCR:125     M14...STATE 25:MISSISSIPPI                   M17...STATE 27:MONTANA
N11...STATE:23 MICHIGAN         AQCR:125     N14...STATE:25 MISSISSIPPI      AQCR:005     N17...STATE 27:MONTANA
O11...STATE:23 MICHIGAN         AQCR:125     O14...STATE:25 MISSISSIPPI      AQCR:005     O17...STATE:27 MONTANA          AQCR:140
A12...STATE:23 MICHIGAN         AQCR:125     A15...STATE:25 MISSISSIPPI      AQCR:005     A18...STATE:27 MONTANA          AQCR:140
B12...STATE:23 MICHIGAN         AQCR:126     B15...STATE:25 MISSISSIPPI      AQCR:005     B18...STATE:27 MONTANA          AQCR:140
C12...STATE:23 MICHIGAN         AQCR:126     C15...STATE:25 MISSISSIPPI      AQCR:018     C18...STATE:27 MONTANA          AQCR:140
D12...STATE:23 MICHIGAN         AQCR:126     D15...STATE:25 MISSISSIPPI      AQCR:018     D18...STATE:27 MONTANA          AQCR:141
E12...STATE:23 MICHIGAN         AQCR:126     E15...STATE:25 MISSISSIPPI      AQCR:018     E18...STATE:27 MONTANA          AQCR:141
F12...STATE 24:MINNESOTA                     F15...STATE:25 MISSISSIPPI      AQCR:134     F18...STATE:27 MONTANA          AQCR:141
G12...STATE 24:MINNESOTA                     G15...STATE:25 MISSISSIPPI      AQCR:134     G18...STATE:27 MONTANA          AQCR:141
H12...STATE 24:MINNESOTA                     H15...STATE:25 MISSISSIPPI      AQCR:134     H18...STATE:27 MONTANA          AQCR:142
I12...STATE 24:MINNESOTA                     I15...STATE:25 MISSISSIPPI      AQCR:134     I18...STATE:27 MONTANA          AQCR:142
J12...STATE 24:MINNESOTA                     J15...STATE:25 MISSISSIPPI      AQCR:135     J18...STATE:27 MONTANA          AQCR:142
K12...STATE:24 MINNESOTA        AQCR:127     K15...STATE:25 MISSISSIPPI      AQCR:135     K18...STATE:27 MONTANA          AQCR:142
L12...STATE:24 MINNESOTA        AQCR:127     L15...STATE:25 MISSISSIPPI      AQCR:135     L18...STATE:27 MONTANA          AQCR:143
M12...STATE:24 MINNESOTA        AQCR:127     M15...STATE:25 MISSISSIPPI      AQCR:135     M18...STATE:27 MONTANA          AQCR:143
N12...STATE:24 MINNESOTA        AQCR:127     N15...STATE 26:MISSOURI
O12...STATE:24 MINNESOTA        AQCR:128     O15...STATE 26:MISSOURI



                           FICHE/SEGMT    4    4 CKPT:    1, 1758,  522,    2,  126
```

```
        GASOLINE                                    0          3         16        676       2124
        TOTAL  (VESSELS)                            0          3         16        676       2124

    TOTAL  (TRANSPORTATION)                      2646        820       9989       7504      60392

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                              164          0         40        233       1364
    STRUCTURAL FIRES                               29          0          0         18        106
    GASOLINE STA EVAP LOSS                          0          0          0        697          0
    SOLVENT EVAPORATION LOSS                        0          0          0       1048          0
    UNPAVED ROADS                              193003          0          0          0          0
    UNPAVED AIRSTRIPS                              50          0          0          0          0
    TOTAL  (MISCELLANEOUS)                     193246          0         40       1996       1470

GRAND TOTAL
***********

    AREA SOURCES                               196519       1583      11218      10591      64837

    POINT SOURCES                                7319      11377      25883        504       2233

    TOTAL                                      203838      12960      37101      11095      67070
```

```
*** A02 ***                                                                                                    *** A02 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:28 NEBRASKA       AQCR:086 METROPOLITAN SIOUX CITY       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL               0              2              1              0              0
            NATURAL GAS                  4              0             30              3              7
            TOTAL (RESIDENTIAL)          4              2             31              3              7

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            64            135             71              2              5
            DISTILLATE OIL
                POINT SOURCES            1            380             29              1              7
            NATURAL GAS
                AREA SOURCES             4              0            206             62             26
                POINT SOURCES            1              0            145              0              4
            TOTAL (INDUSTRIAL)
                AREA SOURCES            68            135            277             64             31
                POINT SOURCES            2            380            174              1             11

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             2              2              1              0              0
            RESIDUAL OIL
                AREA SOURCES             0              1              0              0              0
            DISTILLATE OIL
                AREA SOURCES             0              4              3              0              1
            NATURAL GAS
                AREA SOURCES             2              0             26              2              4
            TOTAL (COMM-INST)
                AREA SOURCES             4              7             30              2              5

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            76            144            338             69             43
                POINT SOURCES            2            380            174              1             11

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL               1              1             13              1              3
            NATURAL GAS                  0              0             24             10              3
            TOTAL (ELEC GEN)             1              1             37             11              6

        INDUSTRIAL FUEL
```

```
         LIGHT DUTY VEHICLES          13552          540          10614          22319          217044
         LIGHT DUTY TRUCKS             4999          321           5573          10700           94726
         HEAVY DUTY VEHICLES            502           48           1135           2140           33764
         OFF HIGHWAY                     30           14            307           1103           11828
         TOTAL (GASOLINE)             19083          923          17629          36262          357362

      DIESEL

         HEAVY DUTY VEHICLES           2500         1162          10566           2218            5693
         OFF HIGHWAY                    434          365           4394            645            1299
         RAIL                           239          546           3549            901            1246
         TOTAL (DIESEL)                3173         2073          18509           3764            8238

   AIRCRAFT

      MILITARY                          950           89            571           1688            3040
      CIVIL                               3            1              6             89            4097
      COMMERCIAL                         60          132           1232           1379            3075
      TOTAL (AIRCRAFT)                 1013          222           1809           3156           10212

   VESSELS

      GASOLINE                            0           10             42           1642            5164
      TOTAL (VESSELS)                     0           10             42           1642            5164

   TOTAL (TRANSPORTATION)             23269         3228          37989          44824          380976

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     904            7            211           1276            7455
   FOREST MANAGED BURNING               834            6            166            751            4670
   AGRICULTURAL BURNING                  32            0              4             37             204
   STRUCTURAL FIRES                     140            0             14            103             568
   GASOLINE STA EVAP LOSS                 0            0              0           4618               0
   SOLVENT EVAPORATION LOSS               0            0              0          13474               0
   UNPAVED ROADS                     846712            0              0              0               0
   UNPAVED AIRSTRIPS                    371            0              0              0               0
   TOTAL (MISCELLANEOUS)             848993           13            395          20259           12897

GRAND TOTAL
***********

   AREA SOURCES                      873951         4076          41623          67564          403613

   POINT SOURCES                      37971       333102          85237           4744            3696

   TOTAL                             911922       337178         126860          72308          407309
```

RESIDUAL OIL					
POINT SOURCES	190	2527	497	9	41
DISTILLATE OIL					
AREA SOURCES	23	339	259	12	59
POINT SOURCES	0	95	11	0	2
NATURAL GAS					
AREA SOURCES	7	0	88	5	15
POINT SOURCES	0	0	1	0	0
TOTAL (COMM-INST)					
AREA SOURCES	30	339	347	17	74
POINT SOURCES	190	2622	509	9	43
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2552	3618	2868	588	16489
POINT SOURCES	3199	157543	48586	753	1747
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	3	19	48	4	11
NATURAL GAS	0	0	6	1	2
TOTAL (ELEC GEN)	3	19	54	5	13
TOTAL (INTERNAL COMB)	3	19	54	5	13
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2552	3618	2868	588	16489
POINT SOURCES	3202	157562	48640	758	1760
INDUSTRIAL PROCESS (POINT)					
**************************					
FOOD/AGRICULTURAL	10	0	0	0	0
MINERAL PRODUCTS	369	21	1	0	0
PETROLEUM INDUSTRY	14	220	48	1	3
WOOD PRODUCTS	1542	668	252	21	5166
ORGANIC SOLVENT EVAPORATION	31	0	0	15682	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1993	0
OTHER/NOT CLASSIFIED	45	8	0	122	0
TOTAL (INDUSTRIAL)	2011	917	301	17819	5169
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	31	7	5	4	91
OPEN BURNING	17	1	7	32	91
TOTAL (GOVERNMENT)	48	8	12	36	182
RESIDENTIAL (AREA)					
ON SITE INCINERATION	510	8	17	1436	4306
OPEN BURNING	1498	54	384	2019	6410
TOTAL (RESIDENTIAL)	2008	62	401	3455	10716
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	133	43	63	75	182
OPEN BURNING					
AREA SOURCES	2	0	0	4	8
TOTAL (COMM-INST)					
AREA SOURCES	135	43	63	79	190

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

                                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                         AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 31:NEW JERSEY

                               PARTICULATES         SOX           NOX             HC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                256            679             76             65           2297
         DISTILLATE OIL                1151          13265           8293            461           2305
         NATURAL GAS                    644             38           5141            514           1288
         WOOD                           790             17             30            159           5679
         TOTAL (RESIDENTIAL)           2841          13999          13540           1199          11569

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               9370          96371          28502            364           1214
         RESIDUAL OIL                   581          22979          42619            407           2029
         NATURAL GAS                      8            128           9363             17            218
         TOTAL (ELEC GEN)              9959         119478          80484            788           3461

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 37            265             73              0              2
         LIGNITE
            POINT SOURCES                 1              0              0              0              0
         RESIDUAL OIL
            POINT SOURCES              3481          35830          29465            526           2609
         DISTILLATE OIL
            AREA SOURCES                321           3070           3734            204            533
            POINT SOURCES                41           1051            483             42            170
         NATURAL GAS
            AREA SOURCES                 65              0           1868            337            206
            POINT SOURCES               162              2           3993             24            121
         PROCESS GAS
            POINT SOURCES                 0              1              0              0              0
         LIQUID PETROL GAS
            POINT SOURCES                 0              0              4              0              0
         OTHER
            POINT SOURCES                 2              0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                423           3335           5675            541            741
            POINT SOURCES              3687          36884          33945            592           2900

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                191            463            203              0             14
         BITUMINOUS COAL
```

```
*** A06 ***                                                                                              *** A06 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                     AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:31 NEW JERSEY      AQCR:150 NEW JERSEY                   POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                              PARTICULATES          SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              13               33                3                3              113
         DISTILLATE OIL               89             1025              642               36              178
         NATURAL GAS                  91                6              722               72              181
         WOOD                        125                3                5               25              900
         TOTAL (RESIDENTIAL)         318             1067             1372              136             1372

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            4663            31891             5574               93              310
         RESIDUAL OIL                 43             4289             4170               40              199
         TOTAL (ELEC GEN)           4706            36180             9744              133              509

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               3               27                8                0                0
         RESIDUAL OIL
            POINT SOURCES            162             2137              880               19               99
         DISTILLATE OIL
            AREA SOURCES              36              348              424               24               61
            POINT SOURCES              2               27               24                1                6
         NATURAL GAS
            AREA SOURCES              10                0              269               48               29
            POINT SOURCES              0                0              117                0                0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              49              375              701               72               90
            POINT SOURCES            164             2164             1021               20              105

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              15               40               17                0                1
         RESIDUAL OIL
            AREA SOURCES             217             1007              761               12               63
            POINT SOURCES            161             1837             1318               24              111
         DISTILLATE OIL
            AREA SOURCES              23              338              259               12               59
            POINT SOURCES              1               37               13                0                3
         NATURAL GAS
            AREA SOURCES              20                0              246               17               41
         TOTAL (COMM-INST)
            AREA SOURCES             275             1385             1283               41              164
```

AIRCRAFT					
CIVIL	0	0	0	5	261
TOTAL (AIRCRAFT)	0	0	0	5	261
TOTAL (TRANSPORTATION)	2063	336	3691	4584	45330
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	82	0	19	116	676
STRUCTURAL FIRES	13	0	1	9	53
GASOLINE STA EVAP LOSS	0	0	0	411	0
SOLVENT EVAPORATION LOSS	0	0	0	595	0
UNPAVED ROADS	62565	0	0	0	0
UNPAVED AIRSTRIPS	37	0	0	0	0
TOTAL (MISCELLANEOUS)	62697	0	20	1131	729
GRAND TOTAL ***********					
AREA SOURCES	64929	436	3870	5861	46799
POINT SOURCES	8902	248793	9407	2224	706
TOTAL	73831	249229	13277	8085	47505

```
*** A08 ***                                                                                    *** A08 ***
            DISTILLATE OIL                  2          6          60          2          0
            NATURAL GAS                     8          0        1917        545          9
            TOTAL (INDUSTRIAL)             10          6        1977        547          9

         TOTAL (INTERNAL COMB)             13         16        2038        553         25

      TOTAL (FUEL COMBUSTION)

               AREA SOURCES               594         91         176        125       4055
               POINT SOURCES              246        159        2179        562         44

INDUSTRIAL PROCESS (POINT)
**************************

      MINERAL PRODUCTS                    227          0           0          0          0
      TOTAL (INDUSTRIAL)                  227          0           0          0          0

SOLID WASTE DISPOSAL
********************

      GOVERNMENT (POINT)

         OPEN BURNING                       9          1           3         17         48
         TOTAL (GOVERNMENT)                 9          1           3         17         48

      RESIDENTIAL (AREA)

         ON SITE INCINERATION              16          0           0         51        152
         OPEN BURNING                      79          2          22        110        347
         TOTAL (RESIDENTIAL)               95          2          22        161        499

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
               AREA SOURCES                 5          1           3          3          9
         OPEN BURNING
               AREA SOURCES                 5          0           1         11         25
         TOTAL (COMM-INST)
               AREA SOURCES                10          1           4         14         34

      INDUSTRIAL

         ON SITE INCINERATION
               AREA SOURCES                 3          0           0          3          4
               POINT SOURCES              108          2          16        169       1989
         TOTAL (INDUSTRIAL)
               AREA SOURCES                 3          0           0          3          4
               POINT SOURCES              108          2          16        169       1989

      TOTAL (SOLID WASTE DISP)
               AREA SOURCES               108          3          26        178        537
               POINT SOURCES              117          3          19        186       2037

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

         GASOLINE

            LIGHT DUTY VEHICLES          1447         99        1876       4179      42032
            LIGHT DUTY TRUCKS             817         83        1344       2590      23479
            HEAVY DUTY VEHICLES            43          5         127        221       3771
            OFF HIGHWAY                     6          3          65        234       2514
            TOTAL (GASOLINE)             2313        190        3412       7224      71796
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT
STATE 33:NEW YORK

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	729	1936	217	186	6554
DISTILLATE OIL	2527	29099	18186	1008	5052
NATURAL GAS	1616	95	12943	1299	3236
WOOD	7053	144	282	1417	50724
TOTAL (RESIDENTIAL)	11925	31274	31628	3910	65566
ELEC GENERATION (POINT)					
BITUMINOUS COAL	5720	222990	60732	1202	3529
RESIDUAL OIL	4216	226221	137891	1312	6565
DISTILLATE OIL	75	846	1159	19	90
NATURAL GAS	122	19	22566	32	547
TOTAL (ELEC GEN)	10133	450076	222348	2565	10731
INDUSTRIAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	7	18	8	0	1
POINT SOURCES	22	148	57	2	89
BITUMINOUS COAL					
POINT SOURCES	7712	91633	25944	496	1293
RESIDUAL OIL					
AREA SOURCES	2762	20207	9529	151	792
POINT SOURCES	7324	101937	22386	397	1870
DISTILLATE OIL					
AREA SOURCES	764	7314	8886	480	1269
POINT SOURCES	44	3446	758	36	167
NATURAL GAS					
AREA SOURCES	248	11	8681	1878	1010
POINT SOURCES	76	918	2314	13	108
WOOD					
POINT SOURCES	595	114	740	148	148
TOTAL (INDUSTRIAL)					
AREA SOURCES	3781	27550	27104	2509	3072
POINT SOURCES	15773	198196	52199	1092	3675
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	353	846	369	0	25
POINT SOURCES	318	425	166	0	17

```
*** A10 ***                                                                                   *** A10 ***
               POINT SOURCES           2025        7161        1360          35         137

      TOTAL (EXTERNAL COMB)
               AREA SOURCES            1689        2651        2092         402       10073
               POINT SOURCES           3920       34352        6919         159         616

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES            1689        2651        2092         402       10073
               POINT SOURCES           3920       34352        6919         159         616

INDUSTRIAL PROCESS (POINT)
**************************

   PETROLEUM STORAGE/TRANSPORT            0           0           0         477           0
   OTHER/NOT CLASSIFIED                8708          43          12       20778           0
   TOTAL (INDUSTRIAL)                  8708          43          12       21255           0

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION             15           1           1           7           9
      TOTAL (GOVERNMENT)                 15           1           1           7           9

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               55           0           1         154         461
      OPEN BURNING                      248           9          63         337        1068
      TOTAL (RESIDENTIAL)               303           9          64         491        1529

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
               AREA SOURCES              49          15          23          30          68
               POINT SOURCES            395           6           6          14          30
      TOTAL (COMM-INST)
               AREA SOURCES              49          15          23          30          68
               POINT SOURCES            395           6           6          14          30

   INDUSTRIAL

      ON SITE INCINERATION
               AREA SOURCES               8           1           1           7          12
               POINT SOURCES              1           0           0           0           0
      OPEN BURNING
               AREA SOURCES               5           0           0           5          25
      TOTAL (INDUSTRIAL)
               AREA SOURCES              13           1           1          12          37
               POINT SOURCES              1           0           0           0           0

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES             365          25          88         533        1634
               POINT SOURCES            411           7           7          21          39

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           5604         299        7302        8968       73470
         LIGHT DUTY TRUCKS             1454         108        2488        2883       20818
         HEAVY DUTY VEHICLES            222          24         855         906       12352
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

                                                                                       RUN DATE:   TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                                AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
***************************                                               POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981
STATE:33 NEW YORK         AQCR:163 SOUTHERN TIER EAST

                              PARTICULATES         SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                45              119               13               11              406
            DISTILLATE OIL                 64              727              454               25              126
            NATURAL GAS                    59                3              476               48              119
            WOOD                          716               15               29              144             5148
            TOTAL (RESIDENTIAL)           884              864              972              228             5799

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               485            22325             6085              222              525
            DISTILLATE OIL                  0               14                7                0                1
            TOTAL (ELEC GEN)              485            22339             6092              222              526

        INDUSTRIAL FUEL

            ANTHRACITE COAL
                POINT SOURCES               7              114               50                0                5
            RESIDUAL OIL
                AREA SOURCES               56              411              193                2               16
                POINT SOURCES             249             3311              692               11               57
            DISTILLATE OIL
                AREA SOURCES               20              183              222               12               32
                POINT SOURCES               2              205               24                1                5
            NATURAL GAS
                AREA SOURCES                5                0              195               41               23
                POINT SOURCES               8                0              150                2               14
            WOOD
                POINT SOURCES              63               10               63               13               13
            TOTAL (INDUSTRIAL)
                AREA SOURCES               81              594              610               55               71
                POINT SOURCES             329             3640              979               27               94

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES               21               48               21                0                2
                POINT SOURCES             125              204               77                0                8
            BITUMINOUS COAL
                POINT SOURCES              98              961              211               14               28
            RESIDUAL OIL
                AREA SOURCES              117              863              408                8               34
                POINT SOURCES             177             3135              620               10               52
```

```
*** A12 ***                                                                                          *** A12 ***
                  POINT SOURCES              0              0              0              0              1

      INDUSTRIAL

         ON SITE INCINERATION
                  AREA SOURCES             143             29             29            128            192
                  POINT SOURCES              1              0              0              0              2
         OPEN BURNING
                  AREA SOURCES              53              2             18             91            320
         TOTAL (INDUSTRIAL)
                  AREA SOURCES             196             31             47            219            512
                  POINT SOURCES              1              0              0              0              2

      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES            2647            160            704           3419          10590
                  POINT SOURCES             92              1              5              1              3

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

         GASOLINE

            LIGHT DUTY VEHICLES          20298            830          19913          29486         252367
            LIGHT DUTY TRUCKS             3719            221           4968           6545          49217
            HEAVY DUTY VEHICLES           1419            123           3981           5205          71334
            OFF HIGHWAY                     96             50            944           3396          36423
            TOTAL (GASOLINE)             25532           1224          29806          44632         409341

         DIESEL

            HEAVY DUTY VEHICLES           4872           2096          19422           2654           7796
            OFF HIGHWAY                    720            604           7296           1073           2160
            RAIL                           263            594           3863            981           1355
            TOTAL (DIESEL)                5855           3294          30581           4708          11311

      AIRCRAFT

         MILITARY                            7              1              4             13             24
         CIVIL                               1              0              2             44           1996
         COMMERCIAL                         12             26            247            275            614
         TOTAL (AIRCRAFT)                   20             27            253            332           2634

      VESSELS

         GASOLINE                            0              0              1             56            175
         TOTAL (VESSELS)                     0              0              1             56            175

      TOTAL (TRANSPORTATION)             31407           4545          60641          49728         423461

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                      48              0             11             70            398
      FOREST MANAGED BURNING               121              1             24            109            678
      AGRICULTURAL BURNING                 597              0             84            706           3928
      STRUCTURAL FIRES                     281              0             34            210           1141
      GASOLINE STA EVAP LOSS                 0              0              0           8178              0
      SOLVENT EVAPORATION LOSS               0              0              0          49473              0
      UNPAVED ROADS                      74274              0              0              0              0
      TOTAL (MISCELLANEOUS)              75321              1            153          58746           6145

GRAND TOTAL
***********
```

```
*** A13 ***                                                                                                    *** A13 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                                ******************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                                *******************************

                                                                                 RUN DATE:   TUESDAY      JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:   TUESDAY         JULY 21, 1981
***************************                                         POINT EMISSIONS AS OF:   THURSDAY         MAY 28, 1981
STATE:34 NORTH CAROLINA  AQCR:168 NORTHERN COASTAL PLAIN

                                   PARTICULATES         SOX              NOX               HC               CO
                                   ************    ************     ************     ************     ************
                                    TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    41             475              298               16               82
         NATURAL GAS                        5               0               59                3               16
         WOOD                             719              12               30              147             5148
         TOTAL (RESIDENTIAL)              765             487              387              166             5246

      ELEC GENERATION (POINT)

         RESIDUAL OIL                       1              17               22                0                1
         DISTILLATE OIL                     3             158               47                2                8
         TOTAL (ELEC GEN)                   4             175               69                2                9

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  253             684              399               10               25
            POINT SOURCES                  75             197               78                6               10
         RESIDUAL OIL
            POINT SOURCES                 815           20638             3706               62              309
         DISTILLATE OIL
            AREA SOURCES                    2              32               42                0                6
            POINT SOURCES                  11             293              123                5               27
         NATURAL GAS
            AREA SOURCES                    9               0              375               97               45
            POINT SOURCES                  24               1             1448                3               41
         WOOD
            AREA SOURCES                    5               0               13                0                0
            POINT SOURCES                1622             768             5117             1024             1024
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  269             716              829              107               76
            POINT SOURCES                2547           21897            10472             1100             1411

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES                  31             412               74                1                6
         DISTILLATE OIL
            AREA SOURCES                    1              42               32                1                7
            POINT SOURCES                   0               1                0                0                0
         NATURAL GAS
            AREA SOURCES                    4               0               63                4                9
            POINT SOURCES                   0               0                1                0                0
         WOOD
            AREA SOURCES                    3               0                3                0                0
```

HEAVY DUTY VEHICLES	560	279	2630	315	918
OFF HIGHWAY	223	186	2247	331	665
RAIL	95	211	1373	350	483
TOTAL (DIESEL)	878	676	6250	996	2066
AIRCRAFT					
MILITARY	2	0	1	4	7
CIVIL	0	0	0	16	739
COMMERCIAL	4	8	75	84	188
TOTAL (AIRCRAFT)	6	8	76	104	934
VESSELS					
GASOLINE	0	0	3	142	444
TOTAL (VESSELS)	0	0	3	142	444
TOTAL (TRANSPORTATION)	10326	1228	19702	19325	159986
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	141	0	33	197	1159
FOREST MANAGED BURNING	179	0	36	162	1001
STRUCTURAL FIRES	98	0	12	71	395
GASOLINE STA EVAP LOSS	0	0	0	1941	0
SOLVENT EVAPORATION LOSS	0	0	0	17731	0
UNPAVED ROADS	35341	0	0	0	0
TOTAL (MISCELLANEOUS)	35759	0	81	20102	2555
GRAND TOTAL ************					
AREA SOURCES	48189	2466	21763	41245	172776
POINT SOURCES	2683	33681	19631	223	44547
TOTAL	50872	36147	41394	41468	217323

```
*** A15 ***                                                                                              *** A15 ***
       COMM-INSTITUTIONAL FUEL

          ANTHRACITE COAL
              AREA SOURCES              204           497           214             0             8
          BITUMINOUS COAL
              POINT SOURCES           21278         30326          6310           283           823
          RESIDUAL OIL
              AREA SOURCES              363          2357          1276            14           102
              POINT SOURCES              56           789           468            17            33
          DISTILLATE OIL
              AREA SOURCES              111          1665          1273            45           289
              POINT SOURCES              11           145            97             8            20
          NATURAL GAS
              AREA SOURCES              785            39          9395           629          1566
              POINT SOURCES              67            20           122            50            53
          OTHER
              POINT SOURCES             929          2764          1152            74           151
          TOTAL (COMM-INST)
              AREA SOURCES             1463          4558         12158           688          1965
              POINT SOURCES           22341         34044          8149           432          1080

       TOTAL (EXTERNAL COMB)
              AREA SOURCES            11865         43077        105617         23793         25662
              POINT SOURCES          341688       2858964        590007          9824         31849

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                266          1294          3472           275           777
          NATURAL GAS                     4             1            99             8            25
          TOTAL (ELEC GEN)              270          1295          3571           283           802

       INDUSTRIAL FUEL

          DISTILLATE OIL                 15            14           139             4            35
          NATURAL GAS                     0             1           114            26            16
          TOTAL (INDUSTRIAL)             15            15           253            30            51

       ENGINE-TESTING

          TOTAL (ENG TESTNG)             51            56            63           201           143

       TOTAL (INTERNAL COMB)            336          1366          3887           514           996

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES            11865         43077        105617         23793         25662
              POINT SOURCES          342024       2860330        593894         10338         32845

 INDUSTRIAL PROCESS (POINT)
 ***************************

    CHEMICAL MANUFACTURING             2021         12848          1646         15457         64303
    FOOD/AGRICULTURAL                  6827             1             3           635             0
    PRIMARY METAL                     58288         34212          4040         11108        569824
    SECONDARY METALS                  15245          3635           222          2189         68408
    MINERAL PRODUCTS                  65044         17551          9964           624           793
    PETROLEUM INDUSTRY                 1106         13193          7308          6312           487
    WOOD PRODUCTS                       448           220             0           175           420
    ORGANIC SOLVENT EVAPORATION          93             0             0        104360             0
    PETROLEUM STORAGE/TRANSPORT          28             0             0         14968             0
    METAL FABRICATION                   907             0             0         66755             0
    TEXTILE MANUFACTURING                14             0             0          4877             0
    OTHER/NOT CLASSIFIED                245         14144             0          5132             0
```

TRANSPORTATION (AREA)
****

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	12183	383	9042	14539	137924
LIGHT DUTY TRUCKS	1701	76	1670	2464	20471
HEAVY DUTY VEHICLES	610	44	1408	2155	29453
OFF HIGHWAY	35	18	342	1232	13209
TOTAL (GASOLINE)	14529	521	12462	20390	201057
DIESEL					
HEAVY DUTY VEHICLES	2161	847	8260	1259	3579
OFF HIGHWAY	217	182	2195	322	649
RAIL	50	115	748	190	263
TOTAL (DIESEL)	2428	1144	11203	1771	4491
AIRCRAFT					
MILITARY	17	2	10	30	54
CIVIL	0	0	1	16	715
COMMERCIAL	6	13	117	131	291
TOTAL (AIRCRAFT)	23	15	128	177	1060
VESSELS					
DIESEL FUEL	3	4	30	8	11
RESIDUAL OIL	16	205	34	2	1
GASOLINE	0	3	11	461	1446
TOTAL (VESSELS)	19	212	75	471	1458
TOTAL (TRANSPORTATION)	16999	1892	23868	22809	208066

MISCELLANEOUS (AREA)
****

FOREST WILDFIRES	13	0	3	19	109
STRUCTURAL FIRES	164	0	19	123	668
GASOLINE STA EVAP LOSS	0	0	0	2814	0
SOLVENT EVAPORATION LOSS	0	0	0	27534	0
UNPAVED ROADS	3669	0	0	0	0
TOTAL (MISCELLANEOUS)	3846	0	22	30490	777

GRAND TOTAL
****

AREA SOURCES	22831	4437	30203	57093	217179
POINT SOURCES	10334	117569	28206	13219	11892
TOTAL	33165	122006	58409	70312	229071

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                         RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:36 OHIO          AQCR:176 METROPOLITAN COLUMBUS   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES         SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                 4             12              0              0             41
         DISTILLATE OIL                 33            386            242             14             67
         NATURAL GAS                   218             11           1737            174            434
         WOOD                           41              0              0              8            297
         TOTAL (RESIDENTIAL)           296            409           1979            196            839

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              9482          11825           1703             28             95
         TOTAL (ELEC GEN)             9482          11825           1703             28             95

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               538           3140            720             21             46
            POINT SOURCES             3269          15273           2165            126            377
         DISTILLATE OIL
            AREA SOURCES                11            102            124              6             18
            POINT SOURCES                1             29             14              1              3
         NATURAL GAS
            AREA SOURCES                98              4           6329           1992            803
            POINT SOURCES                1              0             37              0              2
         TOTAL (INDUSTRIAL)
            AREA SOURCES               647           3246           7173           2019            867
            POINT SOURCES             3271          15302           2216            127            382

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                21             51             21              0              1
         BITUMINOUS COAL
            POINT SOURCES             6541           7532           1522             78            200
         RESIDUAL OIL
            AREA SOURCES                51            328            176              2             14
         DISTILLATE OIL
            AREA SOURCES                15            231            176              7             40
         NATURAL GAS
            AREA SOURCES               112              6           1332             90            221
         TOTAL (COMM-INST)
            AREA SOURCES               199            616           1705             99            276
            POINT SOURCES             6541           7532           1522             78            200
```

```
*** B02 ***                                                                              *** B02 ***
             NATURAL GAS                   1           0          16           1           6
             TOTAL (INDUSTRIAL)            1           0          16           1           6

          TOTAL (INTERNAL COMB)            2           1          53          12          12

       TOTAL (FUEL COMBUSTION)

                AREA SOURCES              76         144         338          69          43
                POINT SOURCES              4         381         227          13          23

INDUSTRIAL PROCESS (POINT)
**************************

     FOOD/AGRICULTURAL                  1363           0           0           0           0
     SECONDARY METALS                      3           0           0           0           0
     TOTAL (INDUSTRIAL)                 1366           0           0           0           0

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION              13           0           0          37         111
        OPEN BURNING                      24           1           6          32         101
        TOTAL (RESIDENTIAL)               37           1           6          69         212

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES              37           1           6          69         212

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES           138           8         214         275        2138
           LIGHT DUTY TRUCKS              52           4          98         112         782
           HEAVY DUTY VEHICLES            13           2          57          54         737
           OFF HIGHWAY                     2           1          23          83         888
           TOTAL (GASOLINE)              205          15         392         524        4545

        DIESEL

           HEAVY DUTY VEHICLES           113          62         578          59         170
           OFF HIGHWAY                     8           7          80          12          24
           RAIL                           13          30         194          49          68
           TOTAL (DIESEL)                134          99         852         120         262

     AIRCRAFT

        CIVIL                              0           0           0           2          73
        TOTAL (AIRCRAFT)                   0           0           0           2          73

     VESSELS

        DIESEL FUEL                        0           0           2           1           1
        GASOLINE                           0           0           1          28          87
        TOTAL (VESSELS)                    0           0           3          29          88

     TOTAL (TRANSPORTATION)              339         114        1247         675        4968

MISCELLANEOUS (AREA)
********************
```

```
*** B04 ***                                                                                                   *** B04 ***
   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES               22             5              5             18             29
      TOTAL (INDUSTRIAL)
            AREA SOURCES               22             5              5             18             29

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES             2165           110            469           3552          10935
            POINT SOURCES              48             8             12             36            182

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        13973           605          13823          17409         157220
         LIGHT DUTY TRUCKS           3274           202           4582           5485          42696
         HEAVY DUTY VEHICLES          904            83           2969           3525          48230
         OFF HIGHWAY                   49            25            490           1764          18914
         TOTAL (GASOLINE)           18200           915          21864          28183         267060

      DIESEL

         HEAVY DUTY VEHICLES          973           447           4555            604           1670
         OFF HIGHWAY                  393           329           3966            583           1175
         RAIL                           2             7             50             10             17
         TOTAL (DIESEL)              1368           783           8571           1197           2862

   AIRCRAFT

      MILITARY                        173            17            103            307            553
      CIVIL                             1             0              1             51           2338
      COMMERCIAL                        7            15            145            163            363
      TOTAL (AIRCRAFT)                181            32            249            521           3254

   VESSELS

      DIESEL FUEL                       1             1             10              3              4
      GASOLINE                          0             3             17            689           2163
      TOTAL (VESSELS)                   1             4             27            692           2167

   TOTAL (TRANSPORTATION)           19750          1734          30711          30593         275343

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    58             0             15             85            487
   STRUCTURAL FIRES                   211             0             26            158            860
   GASOLINE STA EVAP LOSS               0             0              0           4032              0
   SOLVENT EVAPORATION LOSS             0             0              0          40610              0
   UNPAVED ROADS                    24930             0              0              0              0
   UNPAVED AIRSTRIPS                   24             0              0              0              0
   TOTAL (MISCELLANEOUS)            25223             0             41          44885           1347

GRAND TOTAL
***********

   AREA SOURCES                     49690          5462          34089          79618         304114

   POINT SOURCES                     5261        158487          48953          18613           7111

   TOTAL                            54951        163949          83042          98231         311225
```

*** B05 *** *** B05 ***

POINT SOURCES	38	22	6	38	173
RESIDUAL OIL					
AREA SOURCES	2811	13071	9869	164	823
POINT SOURCES	257	2916	2782	50	228
DISTILLATE OIL					
AREA SOURCES	303	4381	3347	153	762
POINT SOURCES	46	369	319	16	60
NATURAL GAS					
AREA SOURCES	252	13	3030	203	507
POINT SOURCES	5	0	97	2	10
TOTAL (COMM-INST)					
AREA SOURCES	3557	17928	16449	520	2106
POINT SOURCES	346	3307	3204	106	471
TOTAL (EXTERNAL COMB)					
AREA SOURCES	6821	35262	35664	2260	14416
POINT SOURCES	13992	159669	117633	1486	6832
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	137	666	2843	233	646
NATURAL GAS	18	0	657	66	182
OTHER	15	31	785	64	179
TOTAL (ELEC GEN)	170	697	4285	363	1007
INDUSTRIAL FUEL					
DISTILLATE OIL	118	1322	1600	131	363
TOTAL (INDUSTRIAL)	118	1322	1600	131	363
ENGINE-TESTING					
TOTAL (ENG TESTNG)	0	1	0	0	0
TOTAL (INTERNAL COMB)	288	2020	5885	494	1370
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	6821	35262	35664	2260	14416
POINT SOURCES	14280	161689	123518	1980	8202
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	6042	33126	15085	12489	48191
FOOD/AGRICULTURAL	551	22	72	17	2
PRIMARY METAL	259	241	153	12	47
SECONDARY METALS	4790	14702	172	41	39393
MINERAL PRODUCTS	18682	4817	3395	805	1049
PETROLEUM INDUSTRY	4028	14088	10773	41543	22373
WOOD PRODUCTS	108	1	1	700	0
ORGANIC SOLVENT EVAPORATION	694	5	437	25340	0
PETROLEUM STORAGE/TRANSPORT	2	0	0	201473	0
METAL FABRICATION	47	0	893	44	0
TEXTILE MANUFACTURING	95	2	20	351	2
OTHER/NOT CLASSIFIED	181	473	158	82	52
TOTAL (INDUSTRIAL)	35479	67477	31159	282904	111109
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	248	47	37	284	378

```
*** B06 ***                                                                                                    *** B06 ***
                 POINT SOURCES              162           1874           1331            24           114

      TOTAL (EXTERNAL COMB)
                 AREA SOURCES               642           2827           3356           249          1626
                 POINT SOURCES             5032          40218          12096           177           728

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         OTHER                               15             31            785            64           179
         TOTAL (ELEC GEN)                    15             31            785            64           179

      TOTAL (INTERNAL COMB)                  15             31            785            64           179

   TOTAL (FUEL COMBUSTION)

                 AREA SOURCES               642           2827           3356           249          1626
                 POINT SOURCES             5047          40249          12881           241           907

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                    23             57             62             0             2
   SECONDARY METALS                          60              0              2             0          4994
   MINERAL PRODUCTS                        4433           2607            358             0             0
   WOOD PRODUCTS                             18              0              0             0             0
   ORGANIC SOLVENT EVAPORATION              577              0              0            40             0
   PETROLEUM STORAGE/TRANSPORT                0              0              0           294             0
   METAL FABRICATION                          2              0              0             2             0
   TEXTILE MANUFACTURING                      6              0              0             0             0
   OTHER/NOT CLASSIFIED                      11            230              0            10             0
   TOTAL (INDUSTRIAL)                      5130           2894            422           346          4996

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION                  1              0              0             1             1
      TOTAL (GOVERNMENT)                      1              0              0             1             1

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                   93              1              3           263           788
      OPEN BURNING                          952             36            244          1284          4070
      TOTAL (RESIDENTIAL)                  1045             37            247          1547          4858

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                 AREA SOURCES               412            130            195           239           564
      TOTAL (COMM-INST)
                 AREA SOURCES               412            130            195           239           564

   INDUSTRIAL

      ON SITE INCINERATION
                 AREA SOURCES                 5              1              1             5             7
      TOTAL (INDUSTRIAL)
                 AREA SOURCES                 5              1              1             5             7

   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES              1462            168            443          1791          5429
                 POINT SOURCES                1              0              0             1             1
```

DIESEL					
HEAVY DUTY VEHICLES	190	106	1034	218	505
OFF HIGHWAY	57	48	584	85	174
RAIL	56	125	818	208	286
TOTAL (DIESEL)	303	279	2436	511	965
AIRCRAFT					
CIVIL	0	0	0	3	156
TOTAL (AIRCRAFT)	0	0	0	3	156
VESSELS					
GASOLINE	0	1	9	333	1044
TOTAL (VESSELS)	0	1	9	333	1044
TOTAL (TRANSPORTATION)	2616	470	5857	8071	73961
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	335	3	80	472	2757
FOREST MANAGED BURNING	1191	9	238	1072	6667
STRUCTURAL FIRES	15	0	1	12	66
GASOLINE STA EVAP LOSS	0	0	0	756	0
SOLVENT EVAPORATION LOSS	0	0	0	682	0
UNPAVED ROADS	167474	0	0	0	0
UNPAVED AIRSTRIPS	26	0	0	0	0
TOTAL (MISCELLANEOUS)	169041	12	319	2994	9490
GRAND TOTAL ***********					
AREA SOURCES	172359	576	6378	11368	88043
POINT SOURCES	590	162	2198	748	2081
TOTAL	172949	738	8576	12116	90124

```
*** B09 ***                                                                                         *** B09 ***
          BITUMINOUS COAL
             POINT SOURCES            5623          8377          2036           137           303
          RESIDUAL OIL
             AREA SOURCES             5888         43815         20673           348          1724
             POINT SOURCES            3291         50965         16539           277          1393
          DISTILLATE OIL
             AREA SOURCES              470          6781          5183           235          1180
             POINT SOURCES             224         12461          2377           106           537
          NATURAL GAS
             AREA SOURCES              531            26          6321           417          1058
             POINT SOURCES             191            10          3420            59           325
          LIQUID PETROL GAS
             POINT SOURCES               0             0             3             0             1
          TOTAL (COMM-INST)
             AREA SOURCES             7242         51468         32546          1000          3987
             POINT SOURCES            9647         72238         24541           579          2576

       TOTAL (EXTERNAL COMB)
             AREA SOURCES            22948        110292         91278          7419         72625
             POINT SOURCES           35553        720510        299088          4236         16982

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                37            55           503            42           115
          NATURAL GAS                   18             1           539            55           150
          TOTAL (ELEC GEN)              55            56          1042            97           265

       COMM-INSTITUTIONAL

          TOTAL (COMM-INST)             18            17           253            20            55

       TOTAL (INTERNAL COMB)            73            73          1295           117           320

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES            22948        110292         91278          7419         72625
             POINT SOURCES           35626        720583        300383          4353         17302

  INDUSTRIAL PROCESS (POINT)
  **************************

    CHEMICAL MANUFACTURING             231             0            94           104           106
    FOOD/AGRICULTURAL                   76             0             0           116             0
    SECONDARY METALS                   141             0             0             0             0
    MINERAL PRODUCTS                  5840          1442          3676             0             0
    ORGANIC SOLVENT EVAPORATION          0             0             0           910             0
    PETROLEUM STORAGE/TRANSPORT          0             0             0           513             0
    OTHER/NOT CLASSIFIED            116007         39381          4715        112990         11262
    TOTAL (INDUSTRIAL)              122295         53801          8485        114633         11368

  SOLID WASTE DISPOSAL
  ********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION        23086          4385          4498          4258         59583
       OTHER INCINERATION                1             0             0             0             0
       TOTAL (GOVERNMENT)            23087          4385          4498          4258         59583

    RESIDENTIAL (AREA)

       ON SITE INCINERATION           2656            39            75          7477         22424
       OPEN BURNING                  12163           454          3111         16404         52045
       TOTAL (RESIDENTIAL)           14819           493          3186         23881         74469
```

```
          OFF HIGHWAY                        33          17         318        1146       12293
          TOTAL (GASOLINE)                 7313         448       10963       13903      118933

      DIESEL

          HEAVY DUTY VEHICLES               364         188        1840         211         596
          OFF HIGHWAY                       192         159        1938         285         573
          RAIL                               23          52         330          84         116
          TOTAL (DIESEL)                    579         399        4108         580        1285

   AIRCRAFT

      MILITARY                              340          32         204         604        1088
      CIVIL                                   0           0           0          14         661
      TOTAL (AIRCRAFT)                      340          32         204         618        1749

   VESSELS

      DIESEL FUEL                             2           4          26           8          10
      GASOLINE                                0          27         104        4180       13130
      TOTAL (VESSELS)                         2          31         130        4188       13140

   TOTAL (TRANSPORTATION)                  8234         910       15405       19289      135107

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                         239           1          55         337        1960
   STRUCTURAL FIRES                         112           0          14          85         459
   GASOLINE STA EVAP LOSS                     0           0           0        1322           0
   SOLVENT EVAPORATION LOSS                   0           0           0        9792           0
   UNPAVED ROADS                           8627           0           0           0           0
   TOTAL (MISCELLANEOUS)                   8978           1          69       11536        2419

GRAND TOTAL
***********

   AREA SOURCES                           19266        3587       17654       31760      149233

   POINT SOURCES                          13039       34402        6938       21435         655

   TOTAL                                  32305       37989       24592       53195      149888
```

```
          DISTILLATE OIL
              AREA SOURCES              10          133          102            4           23
              POINT SOURCES              5          434           57            3           12
          NATURAL GAS
              AREA SOURCES              12            0          130            8           21
          TOTAL (COMM-INST)
              AREA SOURCES             160         1044          661           20           80
              POINT SOURCES            405         4734          965           27          100

      TOTAL (EXTERNAL COMB)
              AREA SOURCES            1125         2502         2243          303         5950
              POINT SOURCES           1219        30713         8036          276          720

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES            1125         2502         2243          303         5950
              POINT SOURCES           1219        30713         8036          276          720

INDUSTRIAL PROCESS (POINT)
**************************

  OTHER/NOT CLASSIFIED                1469            2           42         2096            0
  TOTAL (INDUSTRIAL)                  1469            2           42         2096            0

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      MUNICIPAL INCINERATION            11            0            0            3            5
      TOTAL (GOVERNMENT)                11            0            0            3            5

  RESIDENTIAL (AREA)

      ON SITE INCINERATION              69            1            1          193          580
      OPEN BURNING                     310           11           81          420         1330
      TOTAL (RESIDENTIAL)              379           12           82          613         1910

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES              63           20           30           38           86
              POINT SOURCES             53           10            9           41           66
      OPEN BURNING
              AREA SOURCES               1            0            0            2            4
      TOTAL (COMM-INST)
              AREA SOURCES              64           20           30           40           90
              POINT SOURCES             53           10            9           41           66

  INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES              13            2            2           12           16
              POINT SOURCES              1            0            0            0            1
      OPEN BURNING
              AREA SOURCES               6            0            2           10           35
      TOTAL (INDUSTRIAL)
              AREA SOURCES              19            2            4           22           51
              POINT SOURCES              1            0            0            0            1

  TOTAL (SOLID WASTE DISP)
              AREA SOURCES             462           34          116          675         2051
              POINT SOURCES             65           10            9           44           72

TRANSPORTATION (AREA)
*********************
```

*** B12 ***

AREA SOURCES	112017	8892	67033	112893	451925
POINT SOURCES	46056	94955	47353	38817	3261
TOTAL	158073	103847	114386	151710	455186

*** B12 ***

TOTAL (COMM-INST)					
AREA SOURCES	8	42	98	5	16
POINT SOURCES	31	413	75	1	6
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1042	1245	1314	278	5338
POINT SOURCES	2582	22485	10616	1103	1426
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1042	1245	1314	278	5338
POINT SOURCES	2582	22485	10616	1103	1426
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	3257	14307	40	39	45
FOOD/AGRICULTURAL	1757	2	1	0	0
SECONDARY METALS	21	0	0	0	46
MINERAL PRODUCTS	701	4167	623	1	1
WOOD PRODUCTS	3987	1778	612	36	11654
ORGANIC SOLVENT EVAPORATION	0	0	0	27	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	153	0
OTHER/NOT CLASSIFIED	1	0	0	49	0
TOTAL (INDUSTRIAL)	9724	20254	1276	305	11746
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	90	0	1	247	742
OPEN BURNING	1041	38	268	1403	4448
TOTAL (RESIDENTIAL)	1131	38	269	1650	5190
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	15	2	7	9	21
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	16	2	7	11	25
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	90	19	19	80	118
OPEN BURNING					
AREA SOURCES	47	1	16	79	285
TOTAL (INDUSTRIAL)					
AREA SOURCES	137	20	35	159	403
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1284	60	311	1820	5618
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	4234	237	5647	7045	55845
LIGHT DUTY TRUCKS	1082	89	1976	2161	14862
HEAVY DUTY VEHICLES	501	56	1935	1950	26623

TOTAL (INDUSTRIAL)	150266	95804	23183	232592	704235
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	2056	679	778	927	9029
OTHER INCINERATION	5078	83	433	83	0
TOTAL (GOVERNMENT)	7134	762	1211	1010	9029
RESIDENTIAL (AREA)					
ON SITE INCINERATION	8661	128	273	24346	73025
OPEN BURNING	12207	457	3121	16457	52219
TOTAL (RESIDENTIAL)	20868	585	3394	40803	125244
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	2026	633	961	1174	2770
POINT SOURCES	116	12	35	82	245
OPEN BURNING					
AREA SOURCES	53	1	13	103	252
TOTAL (COMM-INST)					
AREA SOURCES	2079	634	974	1277	3022
POINT SOURCES	116	12	35	82	245
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	1377	280	280	1228	1832
POINT SOURCES	159	31	61	193	965
OPEN BURNING					
AREA SOURCES	725	25	241	1246	4412
TOTAL (INDUSTRIAL)					
AREA SOURCES	2102	305	521	2474	6244
POINT SOURCES	159	31	61	193	965
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	25049	1524	4889	44554	134510
POINT SOURCES	7409	805	1307	1285	10239
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	223320	8157	194750	288746	2628258
LIGHT DUTY TRUCKS	32639	1802	39896	51097	402717
HEAVY DUTY VEHICLES	11678	966	31763	42147	578798
OFF HIGHWAY	817	432	8033	28927	310210
TOTAL (GASOLINE)	268454	11357	274442	410917	3919983
DIESEL					
HEAVY DUTY VEHICLES	30573	13027	128121	18028	51074
OFF HIGHWAY	3159	2651	31968	4699	9460
RAIL	948	2150	13908	3537	4891
TOTAL (DIESEL)	34680	17828	173997	26264	65425
AIRCRAFT					
MILITARY	758	71	457	1350	2431

```
       TOTAL (EXTERNAL COMB)
               AREA SOURCES              1142          4271         10857          2314          1982
               POINT SOURCES            19294         34659          5441           233           677

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                   16           157           240            19            53
          TOTAL (ELEC GEN)                 16           157           240            19            53

       TOTAL (INTERNAL COMB)               16           157           240            19            53

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES              1142          4271         10857          2314          1982
               POINT SOURCES            19310         34816          5681           252           730

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 45             0             0           763           945
    FOOD/AGRICULTURAL                      33             0             0             0             0
    PRIMARY METAL                          19          1230             0             0             0
    SECONDARY METALS                      145           509            12             0           788
    MINERAL PRODUCTS                     6615           400           176           418           505
    PETROLEUM INDUSTRY                      1             0             0             1             0
    ORGANIC SOLVENT EVAPORATION             0             0             0            21             0
    TOTAL (INDUSTRIAL)                   6858          2139           188          1203          2238

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION               957            15            31          2690          8068
       OPEN BURNING                      1347            50           345          1818          5764
       TOTAL (RESIDENTIAL)               2304            65           376          4508         13832

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES               225            69           106           130           305
       OPEN BURNING
               AREA SOURCES                 5             0             2            10            25
       TOTAL (COMM-INST)
               AREA SOURCES               230            69           108           140           330

    INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES               161            33            33           143           215
       OPEN BURNING
               AREA SOURCES                87             3            28           148           523
       TOTAL (INDUSTRIAL)
               AREA SOURCES               248            36            61           291           738

    TOTAL (SOLID WASTE DISP)
               AREA SOURCES              2782           170           545          4939         14900

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT
STATE:36 OHIO AQCR:180 SANDUSKY

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	1	4	0	0	14
DISTILLATE OIL	14	166	103	5	29
NATURAL GAS	47	3	372	38	94
WOOD	19	0	0	4	135
TOTAL (RESIDENTIAL)	81	173	475	47	272
ELEC GENERATION (POINT)					
BITUMINOUS COAL	240	2295	242	15	31
DISTILLATE OIL	0	3	2	0	0
NATURAL GAS	50	0	74	0	3
TOTAL (ELEC GEN)	290	2298	318	15	34
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	195	1138	260	8	17
POINT SOURCES	875	4965	849	43	107
RESIDUAL OIL					
POINT SOURCES	2	33	12	1	1
DISTILLATE OIL					
AREA SOURCES	5	40	51	2	8
POINT SOURCES	32	107	55	4	8
NATURAL GAS					
AREA SOURCES	33	2	2125	669	269
POINT SOURCES	1	0	75	1	2
PROCESS GAS					
POINT SOURCES	9	0	0	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	233	1180	2436	679	294
POINT SOURCES	919	5105	991	49	118
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	5	14	6	0	0
BITUMINOUS COAL					
POINT SOURCES	116	297	25	2	3
RESIDUAL OIL					
AREA SOURCES	9	54	30	0	2
DISTILLATE OIL					
AREA SOURCES	3	38	29	0	6

```
*** C01 ***                                                                                                            *** C01 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                               *********************************

STATE/AQCR EMISSIONS REPORT                                                                RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                                   AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:27 MONTANA         AQCR:144 MISSOULA                                    POINT EMISSIONS AS OF:   THURSDAY      MAY 28, 1981

                                    PARTICULATES          SOX               NOX                HC                CO
                                    ************      ************      ************      ************      ************
                                      TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                    1                 4                 0                 1                 8
            DISTILLATE OIL                     9               156                63                 3                17
            NATURAL GAS                       26                 1               201                21                52
            WOOD                             769                16                31               154              5535
            TOTAL (RESIDENTIAL)              805               177               295               179              5612

        ELEC GENERATION (POINT)

            RESIDUAL OIL                       0                 1                 0                 0                 0
            NATURAL GAS                        0                 0                 2                 0                 0
            OTHER                            595               319              2127               425               425
            TOTAL (ELEC GEN)                 595               320              2129               425               425

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES                  92               315               185                 6                13
            RESIDUAL OIL
                AREA SOURCES                 174              2066               599                10                51
                POINT SOURCES                 17               237                39                 1                 4
            DISTILLATE OIL
                POINT SOURCES                  0                38                 3                 0                 1
            NATURAL GAS
                AREA SOURCES                  10                 0              2170               862               295
                POINT SOURCES                  8                 0               511                 2                19
            WOOD
                POINT SOURCES               1424               532              3802               760               760
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 276              2381              2954               878               359
                POINT SOURCES               1449               807              4355               763               784

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                   0                 6                 2                 0                 0
            DISTILLATE OIL
                AREA SOURCES                   5               120                61                 3                13
            NATURAL GAS
                AREA SOURCES                  16                 0               198                13                33
            TOTAL (COMM-INST)
                AREA SOURCES                  21               126               261                16                46

        TOTAL (EXTERNAL COMB)
```

*** CO2 ***					
FOREST WILDFIRES	5	0	1	6	37
STRUCTURAL FIRES	4	0	0	3	15
GASOLINE STA EVAP LOSS	0	0	0	105	0
SOLVENT EVAPORATION LOSS	0	0	0	560	0
UNPAVED ROADS	4795	0	0	0	0
TOTAL (MISCELLANEOUS)	4804	0	1	674	52
GRAND TOTAL ************					
AREA SOURCES	5256	259	1592	1487	5275
POINT SOURCES	1370	381	227	13	23
TOTAL	6626	640	1819	1500	5298

```
*** C03 ***                                                                                          *** C03 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

                                                                       RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
****************************                               POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:29 NEVADA         AQCR:013 CLARK-MOHAVE

                              PARTICULATES      SOX             NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0              4              2              0              0
         NATURAL GAS                  29              2            230             23             58
         WOOD                         25              1              1              5            180
         TOTAL (RESIDENTIAL)          54              7            233             28            238

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           10067          34242          54941            606           2019
         RESIDUAL OIL                  1              9             12              0              1
         DISTILLATE OIL                3             22             47              2              8
         NATURAL GAS                  74              6           6525              9            158
         TOTAL (ELEC GEN)          10145          34279          61525            617           2186

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              28            128             75              2              5
         DISTILLATE OIL
            AREA SOURCES               6             80             65              4              9
            POINT SOURCES              2             75             23              1              5
         NATURAL GAS
            AREA SOURCES              21              1            377              6             36
            POINT SOURCES              1              0             77              0              2
         PROCESS GAS
            POINT SOURCES              0            320              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              55            209            517             12             50
            POINT SOURCES              3            395            100              1              7

      COMM-INSTITUTIONAL FUEL

         NATURAL GAS
            AREA SOURCES              44              3            526             35             88
         TOTAL (COMM-INST)
            AREA SOURCES              44              3            526             35             88

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             153            219           1276             75            376
            POINT SOURCES          10148          34674          61625            618           2193

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION
```

OPEN BURNING	4	0	2	7	15
TOTAL (GOVERNMENT)	252	47	39	291	393
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1133	15	35	3188	9564
OPEN BURNING	3693	138	947	4982	15801
TOTAL (RESIDENTIAL)	4826	153	982	8170	25365
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	6409	2026	3036	3713	8770
POINT SOURCES	53	5	7	27	36
TOTAL (COMM-INST)					
AREA SOURCES	6409	2026	3036	3713	8770
POINT SOURCES	53	5	7	27	36
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	406	83	83	364	541
POINT SOURCES	748	246	341	292	943
OPEN BURNING					
POINT SOURCES	11	1	4	21	82
TOTAL (INDUSTRIAL)					
AREA SOURCES	406	83	83	364	541
POINT SOURCES	759	247	345	313	1025
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	11641	2262	4101	12247	34676
POINT SOURCES	1064	299	391	631	1454
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	171367	5564	132738	213445	1989919
LIGHT DUTY TRUCKS	15863	742	16675	24688	201735
HEAVY DUTY VEHICLES	6308	456	14651	22645	311154
OFF HIGHWAY	321	169	3166	11394	122199
TOTAL (GASOLINE)	193859	6931	167230	272172	2625007
DIESEL					
HEAVY DUTY VEHICLES	14608	5734	57084	8900	25201
OFF HIGHWAY	1840	1541	18591	2732	5502
RAIL	921	2103	13655	3470	4799
TOTAL (DIESEL)	17369	9378	89330	15102	35502
AIRCRAFT					
MILITARY	555	52	334	985	1774
CIVIL	8	3	17	222	10184
COMMERCIAL	57	125	1178	1319	2941
TOTAL (AIRCRAFT)	620	180	1529	2526	14899
VESSELS					
DIESEL FUEL	812	1014	7575	1985	2649
RESIDUAL OIL	665	8757	1439	100	48
GASOLINE	0	47	184	7381	23188
TOTAL (VESSELS)	1477	9818	9198	9466	25885

```
*** C06 ***                                                                                         *** C06 ***
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          16444          689        16495        23122       201926
         LIGHT DUTY TRUCKS             2176          122         2769         3700        28905
         HEAVY DUTY VEHICLES            504           42         1411         1888        25761
         OFF HIGHWAY                     34           18          336         1209        12966
         TOTAL (GASOLINE)             19158          871        21011        29919       269558

      DIESEL

         HEAVY DUTY VEHICLES            980          428         4222          588         1665
         OFF HIGHWAY                    196          164         1974          290          584
         RAIL                            94          215         1392          354          489
         TOTAL (DIESEL)                1270          807         7588         1232         2738

   AIRCRAFT

      MILITARY                          199           19          120          354          637
      CIVIL                               0            0            2           21          989
      COMMERCIAL                          3            7           70           78          174
      TOTAL (AIRCRAFT)                  202           26          192          453         1800

   VESSELS

      DIESEL FUEL                       374          466         3486          914         1220
      GASOLINE                            0           30          115         4634        14560
      TOTAL (VESSELS)                   374          496         3601         5548        15780

   TOTAL (TRANSPORTATION)             21004         2200        32392        37152       289876

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     162            1           37          227         1332
   FOREST MANAGED BURNING               237            2           47          213         1327
   STRUCTURAL FIRES                     162            0           19          121          657
   GASOLINE STA EVAP LOSS                 0            0            0         2974            0
   SOLVENT EVAPORATION LOSS               0            0            0        15945            0
   UNPAVED ROADS                       1787            0            0            0            0
   UNPAVED AIRSTRIPS                     11            0            0            0            0
   TOTAL (MISCELLANEOUS)               2359            3          103        19480         3316

GRAND TOTAL
***********

   AREA SOURCES                       25467         5198        36294        58672       300247

   POINT SOURCES                      10178        43143        13303          588         5904

   TOTAL                              35645        48341        49597        59260       306151
```

```
*** C07 ***                                                                                    *** C07 ***

                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

STATE/AQCR EMISSIONS REPORT                                            RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:32 NEW MEXICO      AQCR:014 FOUR CORNERS            POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES        SOX            NOX            HC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                2              4              0              2             10
         DISTILLATE OIL                 0              4              2              0              0
         NATURAL GAS                   16              1            125             13             31
         WOOD                         349              7             14             70           2511
         TOTAL (RESIDENTIAL)          367             16            141             85           2552

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            16029         124612         103212           1196           3988
         RESIDUAL OIL                   0            331            310              3             14
         NATURAL GAS                    7              0            484              1             14
         TOTAL (ELEC GEN)           16036         124943         104006           1200           4016

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               32             93             49              1              3
         RESIDUAL OIL
            AREA SOURCES               18            209             61              1              5
         DISTILLATE OIL
            AREA SOURCES                1             21             17              1              2
            POINT SOURCES               0              1              2              0              0
         NATURAL GAS
            AREA SOURCES                0              0              4              0              0
            POINT SOURCES               9              1            158              3             15
         PROCESS GAS
            POINT SOURCES               9            189            133             13              0
         WOOD
            POINT SOURCES             962            217           1445            289            289
         TOTAL (INDUSTRIAL)
            AREA SOURCES               51            323            131              3             10
            POINT SOURCES             980            408           1738            305            304

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                2             23              7              0              1
         DISTILLATE OIL
            AREA SOURCES                1             24             13              0              3
         NATURAL GAS
            AREA SOURCES               12              0            144              9             24
         TOTAL (COMM-INST)
            AREA SOURCES               15             47            164              9             28
```

COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	2538	796	1201	1470	3471
POINT SOURCES	1820	348	375	933	1826
OPEN BURNING					
AREA SOURCES	37	0	11	74	191
TOTAL (COMM-INST)					
AREA SOURCES	2575	796	1212	1544	3662
POINT SOURCES	1820	348	375	933	1826
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	711	139	139	644	958
POINT SOURCES	666	1157	927	6911	9233
OPEN BURNING					
AREA SOURCES	417	15	133	710	2522
TOTAL (INDUSTRIAL)					
AREA SOURCES	1128	154	272	1354	3480
POINT SOURCES	666	1157	927	6911	9233
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	18522	1443	4670	26779	81611
POINT SOURCES	25573	5890	5800	12102	70642
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	265197	9674	233179	345983	3153662
LIGHT DUTY TRUCKS	30386	1716	38632	50475	394414
HEAVY DUTY VEHICLES	10246	819	26932	37712	518130
OFF HIGHWAY	759	401	7535	27133	291006
TOTAL (GASOLINE)	306588	12610	306278	461303	4357212
DIESEL					
HEAVY DUTY VEHICLES	13493	5761	57358	8169	23051
OFF HIGHWAY	3392	2843	34328	5049	10161
RAIL	1007	2294	14864	3776	5227
TOTAL (DIESEL)	17892	10898	106550	16994	38439
AIRCRAFT					
MILITARY	946	88	568	1680	3025
CIVIL	9	3	16	358	16321
COMMERCIAL	236	519	4841	5415	12075
TOTAL (AIRCRAFT)	1191	610	5425	7453	31421
VESSELS					
DIESEL FUEL	932	1165	8692	2284	3043
RESIDUAL OIL	1122	14772	2427	168	82
GASOLINE	0	106	401	16206	50921
TOTAL (VESSELS)	2054	16043	11520	18658	54046
TOTAL (TRANSPORTATION)	327725	40161	429773	504408	4481118
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	2745	22	641	3875	22578

```
*** C 1 ***                                                                                    *** C11 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          8159          408          9908         12532        104781
         LIGHT DUTY TRUCKS            1622          122          2774          3159         22810
         HEAVY DUTY VEHICLES           316           33          1162          1238         16965
         OFF HIGHWAY                    42           21           409          1473         15795
         TOTAL (GASOLINE)            10139          584         14253         18402        160351

      DIESEL

         HEAVY DUTY VEHICLES           494          246          2418           288           813
         OFF HIGHWAY                   265          223          2684           395           796
         RAIL                           28           65           412           105           146
         TOTAL (DIESEL)                787          534          5514           788          1755

   AIRCRAFT

      MILITARY                           3            0             2             5            10
      CIVIL                              0            0             0            19           813
      COMMERCIAL                         8           18           164           183           408
      TOTAL (AIRCRAFT)                  11           18           166           207          1231

   VESSELS

      GASOLINE                           0            3            11           477          1498
      TOTAL (VESSELS)                    0            3            11           477          1498

   TOTAL (TRANSPORTATION)            10937         1139         19944         19874        164835

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    154            1            35           218          1265
   STRUCTURAL FIRES                    140            0            17           102           567
   GASOLINE STA EVAP LOSS                0            0             0          1947             0
   SOLVENT EVAPORATION LOSS              0            0             0         10531             0
   UNPAVED ROADS                      8849            0             0             0             0
   UNPAVED AIRSTRIPS                     7            0             0             0             0
   TOTAL (MISCELLANEOUS)              9150            1            52         12798          1832

GRAND TOTAL
***********

   AREA SOURCES                      21674         3676         22355         33650        174668

   POINT SOURCES                      2753        30725          8087          2416           792

   TOTAL                             24427        34401         30442         36066        175460
```

*** C12 ***

```
*** C13 ***                                                                                              *** C13 ***
          OFF HIGHWAY                      42          20         404        1452       15568
          TOTAL (GASOLINE)               5859         402        9962       12608      112898

      DIESEL

          HEAVY DUTY VEHICLES             559         299        2817         306         895
          OFF HIGHWAY                     289         243        2930         432         867
          RAIL                             73         167        1077         273         378
          TOTAL (DIESEL)                  921         709        6824        1011        2140

    AIRCRAFT

      CIVIL                                 0           0           0          13         603
      TOTAL (AIRCRAFT)                      0           0           0          13         603

    VESSELS

      DIESEL FUEL                         115         145        1075         283         376
      GASOLINE                              0          56         212        8568       26917
      TOTAL (VESSELS)                     115         201        1287        8851       27293

    TOTAL (TRANSPORTATION)               6895        1312       18073       22483      142934

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      601           4         141         850        4958
    FOREST MANAGED BURNING                836           6         169         752        4681
    AGRICULTURAL BURNING                  511           0          72         605        3361
    STRUCTURAL FIRES                       79           0           8          58         320
    GASOLINE STA EVAP LOSS                  0           0           0        1309           0
    SOLVENT EVAPORATION LOSS                0           0           0        8291           0
    UNPAVED ROADS                       19340           0           0           0           0
    UNPAVED AIRSTRIPS                       2           0           0           0           0
    TOTAL (MISCELLANEOUS)               21369          10         390       11865       13320

GRAND TOTAL
***********

    AREA SOURCES                        30590        2627       20088       36446      167210

    POINT SOURCES                       12306       42739       11892        1408       13172

    TOTAL                               42896       45366       31980       37854      180382
```

```
*** C14 ***                                                                                                   *** C14 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE EMISSIONS REPORT                                                         RUN DATE:  TUESDAY    JANUARY 26, 1982
**************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 35:NORTH DAKOTA                                              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES        SOX            NOX             HC              CO
                                   ************   ************   ************   ************   ************
                                    TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    82            935            583             33            165
         NATURAL GAS                       73              3            597             53            148
         WOOD                              91              1              3             19            648
         TOTAL (RESIDENTIAL)              246            939           1183            105            961

      ELEC GENERATION (POINT)

         LIGNITE                         4844          78695          71188           1580           4874
         DISTILLATE OIL                     0             34             39              1              6
         TOTAL (ELEC GEN)                4844          78729          71227           1581           4880

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 5840          12330           6492            196            417
         LIGNITE
            POINT SOURCES                 691           1149            383             64            128
         RESIDUAL OIL
            POINT SOURCES                 188           2552            695             42             65
         DISTILLATE OIL
            AREA SOURCES                   24            270            330             14             41
            POINT SOURCES                   1             12              6              0              1
         NATURAL GAS
            AREA SOURCES                    5              0           1758            700            242
            POINT SOURCES                  17              0            480              6             28
         PROCESS GAS
            POINT SOURCES                   0            284              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 5869          12600           8580            910            700
            POINT SOURCES                 897           3997           1564            112            222

      COMM-INSTITUTIONAL FUEL

         LIGNITE
            POINT SOURCES                1756            659            196             32             62
         RESIDUAL OIL
            AREA SOURCES                  168           2379            601              5             45
            POINT SOURCES                   2             36             10              0              0
         DISTILLATE OIL
            AREA SOURCES                   25            475            361             10             85
            POINT SOURCES                   0             55              7              0              1
         NATURAL GAS
            AREA SOURCES                   41              2            557             33             88
```

```
*** C15 ***                                                                                                  *** C15 ***
        CIVIL                              8              2             15            397          18337
        COMMERCIAL                        96            210           1947           2179           4856
        TOTAL (AIRCRAFT)                 862            283           2419           3926          25624

     VESSELS

        BITUMINOUS COAL                 9416           4472            177           1177           5295
        DIESEL FUEL                      133            161           1227            321            429
        RESIDUAL OIL                      84           1116            184             12              5
        GASOLINE                           0             60            244          10118          31789
        TOTAL (VESSELS)                 9633           5809           1832          11628          37518

     TOTAL (TRANSPORTATION)           313629          35277         452690         452735        4048550

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                   463              0            110            657           3828
      STRUCTURAL FIRES                  3046              3            363           2281          12396
      GASOLINE STA EVAP LOSS               0              0              0          50366              0
      SOLVENT EVAPORATION LOSS             0              0              0         493075              0
      UNPAVED ROADS                   394720              0              0              0              0
      UNPAVED AIRSTRIPS                  184              0              0              0              0
      TOTAL (MISCELLANEOUS)           398413              3            473         546379          16224

GRAND TOTAL
***********

      AREA SOURCES                    748956          79881         563669        1067461        4224946

      POINT SOURCES                   499699        2956939         618384         244215         747319

      TOTAL                          1248655        3036820        1182053        1311676        4972265
```

```
                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************
                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************

                                                                 RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                         AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:36 OHIO           AQCR:173 DAYTON

                           PARTICULATES      SOX           NOX           HC            CO
                           ************  ************  ************  ************  ************
                            TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL            1             6             0             0            21
         DISTILLATE OIL            39           451           281            14            78
         NATURAL GAS              181            12          1449           144           364
         WOOD                      72             1             2            15           513
         TOTAL (RESIDENTIAL)      293           470          1732           173           976

      ELEC GENERATION (POINT)

         BITUMINOUS COAL        14290         24615         12098            21           810
         DISTILLATE OIL             8           146           550             5            24
         NATURAL GAS                2             0            76             1             2
         TOTAL (ELEC GEN)       14300         24761         12724            27           836

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES          676          3935           900            27            59
            POINT SOURCES         442          3088          1676            57           142
         DISTILLATE OIL
            AREA SOURCES           10           115           140             7            21
            POINT SOURCES          30            87           113            10            12
         NATURAL GAS
            AREA SOURCES           91             5          5804          1827           735
            POINT SOURCES          18             3          1024            11            25
         WOOD
            POINT SOURCES          17             7            57            11            11
         TOTAL (INDUSTRIAL)
            AREA SOURCES          777          4055          6844          1861           815
            POINT SOURCES         507          3185          2870            89           190

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES           15            34            15             0             1
         BITUMINOUS COAL
            POINT SOURCES        4870          3778          1928            44           226
         RESIDUAL OIL
            AREA SOURCES           33           216           117             1             9
         DISTILLATE OIL
            AREA SOURCES           10           152           116             4            26
            POINT SOURCES           1            26            13             1             3
         NATURAL GAS
```

LIGHT DUTY VEHICLES	26384	926	22218	34165	312869
LIGHT DUTY TRUCKS	3843	202	4474	5903	47089
HEAVY DUTY VEHICLES	1869	143	4582	6405	88962
OFF HIGHWAY	84	45	826	2975	31895
TOTAL (GASOLINE)	32180	1316	32100	49448	480815
DIESEL					
HEAVY DUTY VEHICLES	4118	1672	16564	2465	6972
OFF HIGHWAY	213	180	2156	317	637
RAIL	113	254	1640	417	577
TOTAL (DIESEL)	4444	2106	20360	3199	8186
AIRCRAFT					
MILITARY	311	29	187	553	996
CIVIL	2	1	2	53	2432
COMMERCIAL	18	39	365	408	910
TOTAL (AIRCRAFT)	331	69	554	1014	4338
VESSELS					
GASOLINE	0	4	17	709	2229
TOTAL (VESSELS)	0	4	17	709	2229
TOTAL (TRANSPORTATION)	36955	3495	53031	54370	495568
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	22	0	5	31	179
STRUCTURAL FIRES	336	1	39	252	1370
GASOLINE STA EVAP LOSS	0	0	0	5767	0
SOLVENT EVAPORATION LOSS	0	0	0	47961	0
UNPAVED ROADS	34092	0	0	0	0
UNPAVED AIRSTRIPS	32	0	0	0	0
TOTAL (MISCELLANEOUS)	34482	1	44	54011	1549
GRAND TOTAL ***********					
AREA SOURCES	75361	7937	64477	115634	513999
POINT SOURCES	26168	36955	5869	1455	2968
TOTAL	101529	44892	70346	117089	516967

```
          NATURAL GAS
               AREA SOURCES             16          0        190         13         31
          TOTAL (COMM-INST)
               AREA SOURCES             33        106        255         13         39
               POINT SOURCES           116        297         25          2          3

      TOTAL (EXTERNAL COMB)
               AREA SOURCES            347       1459       3166        739        605
               POINT SOURCES          1325       7700       1334         66        155

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES            347       1459       3166        739        605
               POINT SOURCES          1325       7700       1334         66        155

INDUSTRIAL PROCESS (POINT)
*************************

   CHEMICAL MANUFACTURING               78        728          0       6144          0
   FOOD/AGRICULTURAL                   366          0          0        630          0
   PRIMARY METAL                         2          0          0          0        217
   SECONDARY METALS                    669        237         11          0       2832
   MINERAL PRODUCTS                  12851       3217       3083          0          0
   WOOD PRODUCTS                         8          0          0          0          0
   ORGANIC SOLVENT EVAPORATION           0          0          0       3968          0
   TEXTILE MANUFACTURING                 0          0          0        297          0
   OTHER/NOT CLASSIFIED                  1       3998          0          0          0
   TOTAL (INDUSTRIAL)                13975       8180       3094      11039       3049

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             231          4          8        651       1951
      OPEN BURNING                     326         13         84        439       1393
      TOTAL (RESIDENTIAL)              557         17         92       1090       3344

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                52         16         24         30         72
      TOTAL (COMM-INST)
            AREA SOURCES                52         16         24         30         72

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                27          6          6         23         35
      OPEN BURNING
            AREA SOURCES                13          0          5         24         85
      TOTAL (INDUSTRIAL)
            AREA SOURCES                40          6         11         47        120

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               649         39        127       1167       3536

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          5991        268       6456       8641      74458
         LIGHT DUTY TRUCKS            1219         75       1722       2072      15733
```

```
*** D01 ***                                                                                    *** D01 ***
                 AREA SOURCES            1102          2684          3510          1073          6017
                 POINT SOURCES           2044          1127          6484          1188          1209

   TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            1102          2684          3510          1073          6017
                 POINT SOURCES           2044          1127          6484          1188          1209

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                       25             0             0             0             0
   PRIMARY METAL                         1328          2646             0             0          1374
   MINERAL PRODUCTS                       232           513           100             5             0
   WOOD PRODUCTS                         2280          1042           469           111          7968
   OTHER/NOT CLASSIFIED                     3             0             0             0             0
   TOTAL (INDUSTRIAL)                    3868          4201           569           116          9342

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                181             2             6           504          1512
      OPEN BURNING                        224             8            56           300           953
      TOTAL (RESIDENTIAL)                 405            10            62           804          2465

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
            AREA SOURCES                    1             0             0             2             4
      TOTAL (COMM-INST)
            AREA SOURCES                    1             0             0             2             4

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES                 239             4            36           394          4656
      OPEN BURNING
            AREA SOURCES                    5             0             1             6            25
      TOTAL (INDUSTRIAL)
            AREA SOURCES                    5             0             1             6            25
            POINT SOURCES                 239             4            36           394          4656

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                  411            10            63           812          2494
            POINT SOURCES                 239             4            36           394          4656

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             2586           131          3092          5790         53061
         LIGHT DUTY TRUCKS               1389           104          2171          3401         28949
         HEAVY DUTY VEHICLES              100            10           327           448          6668
         OFF HIGHWAY                       18            11           188           674          7212
         TOTAL (GASOLINE)                4093           256          5778         10313         95890

      DIESEL

         HEAVY DUTY VEHICLES             1141           572          5901           970          2398
         OFF HIGHWAY                      138           116          1408           207           416
         RAIL                             199           455          2948           749          1037
```

```
*** 003 ***                                                                            *** 003 ***
          DISTILLATE OIL                     4           0          60           5          14
          NATURAL GAS                       43          18        1260         128         351
          TOTAL (ELEC GEN)                  47          18        1320         133         365

       TOTAL (INTERNAL COMB)                47          18        1320         133         365

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 153         219        1276          75         376
              POINT SOURCES              10195       34692       62945         751        2558

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   1         175           1           0           0
    PRIMARY METAL                           49           0          20           0           3
    MINERAL PRODUCTS                      5020           0           0           0           0
    PETROLEUM STORAGE/TRANSPORT              0           0           0         626           0
    OTHER/NOT CLASSIFIED                     4           0           0           0           0
    TOTAL (INDUSTRIAL)                    5074         175          21         626           3

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 8           0           0          23          70
        TOTAL (RESIDENTIAL)                  8           0           0          23          70

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 2           0           1           1           2
        TOTAL (COMM-INST)
                AREA SOURCES                 2           0           1           1           2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                10           0           1          24          72

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           7587         231        5192        8807       80055
            LIGHT DUTY TRUCKS             1932          81        1733        2678       21559
            HEAVY DUTY VEHICLES            183          13         378         608        8341
            OFF HIGHWAY                     14           7         137         492        5279
            TOTAL (GASOLINE)              9716         332        7440       12585      115234

        DIESEL

            HEAVY DUTY VEHICLES            839         324        2947         460        1389
            OFF HIGHWAY                    213         179        2159         317         639
            RAIL                           138         315        2046         520         719
            TOTAL (DIESEL)                1190         818        7152        1297        2747

    AIRCRAFT

        MILITARY                           557          52         335         991        1784
        CIVIL                                2           1           3          38        1741
        COMMERCIAL                          47         103         962        1077        2401
        TOTAL (AIRCRAFT)                   606         156        1300        2106        5926
```

```
*** D04 ***                                                                                                   *** D04 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:30 NEW HAMPSHIRE   AQCR:107 ANDROSCOGGIN VALLEY

                               PARTICULATES        SOX            NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0              0              0              0              1
         DISTILLATE OIL                16            186            116              6             32
         NATURAL GAS                    0              0              2              0              1
         WOOD                         185              4              7             37           1332
         TOTAL (RESIDENTIAL)          201            190            125             43           1366

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 163           1997            599              6             29
         TOTAL (ELEC GEN)             163           1997            599              6             29

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES             727           9631           1720             29            143
         DISTILLATE OIL
            AREA SOURCES                0              2              2              0              0
         NATURAL GAS
            AREA SOURCES                1              0             11              0              1
         COKE
            AREA SOURCES                0              1              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                1              3             13              0              1
            POINT SOURCES             727           9631           1720             29            143

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES              10            131             25              0              2
         DISTILLATE OIL
            AREA SOURCES                1             19             14              1              3
         NATURAL GAS
            AREA SOURCES                0              0              2              0              0
         TOTAL (COMM-INST)
            AREA SOURCES                1             19             16              1              3
            POINT SOURCES              10            131             25              0              2

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              203            212            154             44           1370
            POINT SOURCES             900          11759           2344             35            174

   INTERNAL COMBUSTION (POINT)
```

```
    TOTAL (TRANSPORTATION)                 213325          26307          267287          299266          2701293

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          499              2             117             703             4110
    FOREST MANAGED BURNING                    526              3             106             475             2947
    STRUCTURAL FIRES                         2049              2             246            1534             8342
    GASOLINE STA EVAP LOSS                      0              0               0           31175                0
    SOLVENT EVAPORATION LOSS                    0              0               0          321559                0
    UNPAVED ROADS                           20290              0               0               0                0
    UNPAVED AIRSTRIPS                          17              0               0               0                0
    TOTAL (MISCELLANEOUS)                   23381              7             469          355446            15399

GRAND TOTAL
***********

    AREA SOURCES                           255168          63838          307521          669219          2765784

    POINT SOURCES                           50823         229465          155068          285515           120765

    TOTAL                                  305991         293303          462589          954734          2886549
```

```
*** D07 ***                                                                                         *** D07 ***
       TOTAL (EXTERNAL COMB)
                 AREA SOURCES          433            386            436             97           2590
                POINT SOURCES        17016         125351         105744           1505           4320

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                 1              1             10              1              2
          TOTAL (ELEC GEN)               1              1             10              1              2

       INDUSTRIAL FUEL

          DISTILLATE OIL                 1              1             10              1              2
          NATURAL GAS                  144              2          21710           8241           1691
          TOTAL (INDUSTRIAL)           145              3          21720           8242           1693

       TOTAL (INTERNAL COMB)           146              4          21730           8243           1695

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES          433            386            436             97           2590
                POINT SOURCES        17162         125355         127474           9748           6015

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                   994              0              0              0              0
    PETROLEUM INDUSTRY                 136           5946            928           1263            102
    ORGANIC SOLVENT EVAPORATION          0              0              0            806              0
    PETROLEUM STORAGE/TRANSPORT          0              0              0           6600              0
    TOTAL (INDUSTRIAL)                1130           5946            928           8669            102

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION             18              0              1             50            150
       OPEN BURNING                     81              3             21            109            345
       TOTAL (RESIDENTIAL)              99              3             22            159            495

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
                 AREA SOURCES            4              1              2              2              6
       OPEN BURNING
                 AREA SOURCES            2              0              1              5             13
       TOTAL (COMM-INST)
                 AREA SOURCES            6              1              3              7             19

    INDUSTRIAL

       ON SITE INCINERATION
                 AREA SOURCES            3              1              1              2              3
       OPEN BURNING
                 AREA SOURCES            1              0              0              1              5
       TOTAL (INDUSTRIAL)
                 AREA SOURCES            4              1              1              3              8

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES          109              5             26            169            522

TRANSPORTATION (AREA)
*********************
```

```
*** D08 ***                                                                                              *** D08 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                       POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:32 NEW MEXICO      AQCR:155 PECOS-PERMIAN BASIN

                              PARTICULATES         SOX            NOX             HC             CO
                              ************     ************   ************   ************   ************
                               TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              0              1              0              0              1
            NATURAL GAS                 30              0            239             24             61
            WOOD                        38              0              0              9            261
            TOTAL (RESIDENTIAL)         68              1            239             33            323

        ELEC GENERATION (POINT)

            DISTILLATE OIL               0              2              1              0              0
            NATURAL GAS                167             10           5584             16            283
            TOTAL (ELEC GEN)           167             12           5585             16            283

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           159            338            241              7             16
            DISTILLATE OIL
                AREA SOURCES             0              4              4              0              0
                POINT SOURCES            1             25             13              1              3
            NATURAL GAS
                AREA SOURCES             0              0             12              0              0
                POINT SOURCES           82           7173           2454             23            140
            LIQUID PETROL GAS
                POINT SOURCES            2              0             10              0              1
            TOTAL (INDUSTRIAL)
                AREA SOURCES           159            342            257              7             16
                POINT SOURCES           85           7198           2477             24            144

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                AREA SOURCES             0             16              8              0              0
            NATURAL GAS
                AREA SOURCES            19              0            233             16             39
            TOTAL (COMM-INST)
                AREA SOURCES            19             16            241             16             39

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           246            359            737             56            378
                POINT SOURCES          252           7210           8062             40            427

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION
```

```
*** D09 ***
    STRUCTURAL FIRES                     5125          11         610        3831       20852
    GASOLINE STA EVAP LOSS                  0           0           0       56219           0
    SOLVENT EVAPORATION LOSS                0           0           0      497864           0
    UNPAVED ROADS                      119030           0           0           0           0
    UNPAVED AIRSTRIPS                     246           0           0           0           0
    TOTAL (MISCELLANEOUS)              127146          33        1251      561789       43430

GRAND TOTAL
***********

    AREA SOURCES                       496341      151929      526972     1100395     4678784

    POINT SOURCES                      183494      780274      314668      131088       99312

    TOTAL                              679835      932203      841640     1231483     4778096
```

```
*** D10 ***                                                                                                   *** D10 ***
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:33 NEW YORK       AQCR:160 GENESEE-FINGER LAKES             POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981

                              PARTICULATES        SOX             NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              46             124              15              12             421
         DISTILLATE OIL               88            1015             634              35             176
         NATURAL GAS                 194              11            1551             156             388
         WOOD                        301               5              12              60            2169
         TOTAL (RESIDENTIAL)         629            1155            2212             263            3154

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            2872           47966           10869             181             604
         RESIDUAL OIL                 16            1331             515               5              25
         DISTILLATE OIL                0              44              20               1               3
         TOTAL (ELEC GEN)           2888           49341           11404             187             632

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           1320           38117           15032             242             589
         RESIDUAL OIL
            AREA SOURCES             187            1368             645              10              54
            POINT SOURCES            337            9087            1964              42             164
         DISTILLATE OIL
            AREA SOURCES              44             417             505              27              72
            POINT SOURCES              0             105              11               0               3
         NATURAL GAS
            AREA SOURCES              15               0             529             114              61
            POINT SOURCES              1               0              25               0               2
         WOOD
            POINT SOURCES              1               0               1               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             246            1785            1679             151             187
            POINT SOURCES           1659           47309           17033             284             758

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              18              46              19               0               1
         BITUMINOUS COAL
            POINT SOURCES            561            3113             630              37              79
         RESIDUAL OIL
            AREA SOURCES             296            2200            1039              17              87
            POINT SOURCES            133            2647             575              11              61
         DISTILLATE OIL
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

                                                                                       RUN DATE:   TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                                AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
***************************                                               POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981
STATE:34 NORTH CAROLINA  AQCR:165 EASTERN MOUNTAIN

                              PARTICULATES       SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 88           1008            627             37            173
         NATURAL GAS                    13              0            110              9             25
         WOOD                         1600             31             65            322          11502
         TOTAL (RESIDENTIAL)          1701           1039            802            368          11700

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             17405         121594          51454            858           2859
         DISTILLATE OIL                  0             25             25              1              5
         TOTAL (ELEC GEN)            17405         121619          51479            859           2864

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               635           1723           1010             28             65
            POINT SOURCES              154            490            343             22             46
         RESIDUAL OIL
            POINT SOURCES              308           4361            893             14             75
         DISTILLATE OIL
            AREA SOURCES                10            110            131              6             19
            POINT SOURCES               25            361            320             14             73
         NATURAL GAS
            AREA SOURCES                31              2           1240            308            147
            POINT SOURCES                2              0             57              1              5
         WOOD
            AREA SOURCES                42              6             53              8             15
            POINT SOURCES              473            131            873            174            174
         OTHER
            POINT SOURCES                3              0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               718           1841           2434            350            246
            POINT SOURCES              965           5343           2486            225            373

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES               70            927            211              3             15
         DISTILLATE OIL
            AREA SOURCES                 8            114             87              2             18
            POINT SOURCES                0              0              1              0              0
         NATURAL GAS
            AREA SOURCES                 9              0            114              8             18
            POINT SOURCES                0              0              4              0              0
```

```
*** D14 ***                                                                                      *** D14 ***
                 POINT SOURCES            14            1           260            4           24
          TOTAL (COMM-INST)
                 AREA SOURCES            234         2856          1519           48          218
                 POINT SOURCES          1772          751           473           36           87

       TOTAL (EXTERNAL COMB)
                 AREA SOURCES           6349        16395         11282         1063         1879
                 POINT SOURCES          7513        83477         73264         1729         5189

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          NATURAL GAS                      1            0           304          125           38
          TOTAL (ELEC GEN)                 1            0           304          125           38

       INDUSTRIAL FUEL

          NATURAL GAS                      4            0          1569          646          199
          TOTAL (INDUSTRIAL)               4            0          1569          646          199

       TOTAL (INTERNAL COMB)               5            0          1873          771          237

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES           6349        16395         11282         1063         1879
                 POINT SOURCES          7518        83477         75137         2500         5426

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                62         5151             0            0            0
    FOOD/AGRICULTURAL                    743            0             0            0            0
    SECONDARY METALS                       5            0             0            0          151
    MINERAL PRODUCTS                    2737            0             0            0            0
    PETROLEUM INDUSTRY                    92         4885           683         1546           67
    PETROLEUM STORAGE/TRANSPORT            0            0             0          678            0
    TOTAL (INDUSTRIAL)                  3639        10036           683         2224          218

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION              714            4            15         2015         6041
       OPEN BURNING                     1615           60           415         2178         6900
       TOTAL (RESIDENTIAL)              2329           64           430         4193        12941

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
                 AREA SOURCES             77           20            35           45          126
       TOTAL (COMM-INST)
                 AREA SOURCES             77           20            35           45          126

    INDUSTRIAL

       ON SITE INCINERATION
                 AREA SOURCES             21            4             4           18           24
       TOTAL (INDUSTRIAL)
                 AREA SOURCES             21            4             4           18           24

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES           2427           88           469         4256        13091

TRANSPORTATION (AREA)
```

```
*** D16 ***                                                                                    *** D16 ***
                    AREA SOURCES             72          4        872         58        146
          TOTAL  (COMM-INST)
                    AREA SOURCES            130        406       1120         63        182
                    POINT SOURCES          4871       3804       1941         45        229

      TOTAL  (EXTERNAL COMB)
                    AREA SOURCES           1200       4931       9696       2097       1973
                    POINT SOURCES         19678      31750      17535        161       1255

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                     64        447        895         72        202
          NATURAL GAS                         3          1         56          4         13
          TOTAL  (ELEC GEN)                  67        448        951         76        215

      TOTAL  (INTERNAL COMB)                 67        448        951         76        215

   TOTAL  (FUEL COMBUSTION)

                    AREA SOURCES           1200       4931       9696       2097       1973
                    POINT SOURCES         19745      32198      18486        237       1470

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                    29          0          0        454          0
   FOOD/AGRICULTURAL                        277          1          0          0          0
   PRIMARY METAL                             42          0          0          0         82
   SECONDARY METALS                         622          3         35        261       1401
   MINERAL PRODUCTS                        1099       3309       1161          0          0
   WOOD PRODUCTS                             22          0          0          0          0
   ORGANIC SOLVENT EVAPORATION               10          0          0      19422          0
   PETROLEUM STORAGE/TRANSPORT                0          0          0       1696          0
   METAL FABRICATION                         19          0          0          0          0
   OTHER/NOT CLASSIFIED                      12       1799          0          0          0
   TOTAL  (INDUSTRIAL)                     2132       5112       1196      21833       1483

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION               722        424        495        427       5775
       TOTAL  (GOVERNMENT)                  722        424        495        427       5775

   RESIDENTIAL (AREA)

       ON SITE INCINERATION                 858         14         26       2415       7240
       OPEN BURNING                        1214         46        310       1637       5193
       TOTAL  (RESIDENTIAL)                2072         60        336       4052      12433

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
                    AREA SOURCES            201         64         95        117        276
                    POINT SOURCES             3          3         14          0          0
       OPEN BURNING
                    AREA SOURCES              6          0          1         12         29
       TOTAL  (COMM-INST)
                    AREA SOURCES            207         64         96        129        305
                    POINT SOURCES             3          3         14          0          0

    INDUSTRIAL
```

```
*** D18 ***
          HEAVY DUTY VEHICLES            383        37      1231      1472     19976
          OFF HIGHWAY                     37        20       368      1322     14179
          TOTAL (GASOLINE)              7630       400      9777     13507    124346

       DIESEL

          HEAVY DUTY VEHICLES            805       385      3837       483      1361
          OFF HIGHWAY                    142       118      1428       210       422
          RAIL                            27        60       385        98       136
          TOTAL (DIESEL)                 974       563      5650       791      1919

    AIRCRAFT

       CIVIL                               0         0         0        20       958
       TOTAL (AIRCRAFT)                    0         0         0        20       958

    VESSELS

       BITUMINOUS COAL                  6343      3012       119       793      3567
       DIESEL FUEL                         0         0         4         1         1
       RESIDUAL OIL                        3        42         7         0         0
       GASOLINE                            0         4        18       725      2279
       TOTAL (VESSELS)                  6346      3058       148      1519      5847

    TOTAL (TRANSPORTATION)             14950      4021     15575     15837    133070

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                      81         0        10        61       331
    GASOLINE STA EVAP LOSS                 0         0         0      1555         0
    SOLVENT EVAPORATION LOSS               0         0         0     16667         0
    UNPAVED ROADS                       3762         0         0         0         0
    UNPAVED AIRSTRIPS                     58         0         0         0         0
    TOTAL (MISCELLANEOUS)               3901         0        10     18283       331

GRAND TOTAL
***********

    AREA SOURCES                       19847      5519     18878     36026    137542

    POINT SOURCES                      15300     15880      4428     11105      3204

    TOTAL                              35147     21399     23306     47131    140746
```

```
*** E01 ***                                                                                  *** E01 ***
         TOTAL (DIESEL)                 1478          1143          10257          1926          3851

   AIRCRAFT

      MILITARY                            91             9             55           161           290
      CIVIL                                0             0              2            26          1148
      COMMERCIAL                           3             6             54            60           135
      TOTAL (AIRCRAFT)                    94            15            111           247          1573

   VESSELS

      GASOLINE                             0             2              7           305           962
      TOTAL (VESSELS)                      0             2              7           305           962

   TOTAL (TRANSPORTATION)               5665          1416          16153         12791        102276

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     974             9            229          1377          8026
    FOREST MANAGED BURNING             22864           172           4573         20577        128035
    STRUCTURAL FIRES                      44             0              4            32           180
    GASOLINE STA EVAP LOSS                 0             0              0          1007             0
    SOLVENT EVAPORATION LOSS               0             0              0          4222             0
    UNPAVED ROADS                     106300             0              0             0             0
    UNPAVED AIRSTRIPS                      7             0              0             0             0
    TOTAL (MISCELLANEOUS)             130189           181           4806         27215        136241

GRAND TOTAL
***********

    AREA SOURCES                      137367          4291          24532         41891        247028

    POINT SOURCES                       6151          5332           7089          1698         15207

    TOTAL                             143518          9623          31621         43589        262235
```

```
*** E02 ***                                                                                                    *** E02 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:28 NEBRASKA        AQCR:145 LINCOLN-BEATRICE-FAIRBURY                  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                  PARTICULATES        SOX           NOX           HC            CO
                                  ************    ************  ************  ************  ************
                                   TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                2              4             0             2             9
            DISTILLATE OIL                 1             11             8             0             1
            NATURAL GAS                   49              2           395            40           100
            WOOD                          15              0             0             3           108
            TOTAL (RESIDENTIAL)           67             17           403            45           218

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              229           6906         10604            58           194
            RESIDUAL OIL                  11            137            93             1             4
            DISTILLATE OIL                 1            127            11             0             2
            NATURAL GAS                    5              0           340             1            11
            TOTAL (ELEC GEN)             246           7170         11048            60           211

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             409            887           468            14            30
            RESIDUAL OIL
                POINT SOURCES             38            500           102             1             8
            DISTILLATE OIL
                AREA SOURCES               0              0             1             0             0
                POINT SOURCES              5            153            57             2            12
            NATURAL GAS
                AREA SOURCES              23              1          1328           402           167
                POINT SOURCES             42              3          1906             9            71
            WOOD
                POINT SOURCES              3              0             3             1             1
            TOTAL (INDUSTRIAL)
                AREA SOURCES             432            888          1797           416           197
                POINT SOURCES             88            656          2068            13            92

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              37             41            17             1             3
            RESIDUAL OIL
                AREA SOURCES               0              4             1             0             0
                POINT SOURCES             29            391           108             2             9
            DISTILLATE OIL
                AREA SOURCES               1             23            17             1             3
                POINT SOURCES              1             92            15             0             3
            NATURAL GAS
```

```
*** E03 ***                                                                                                   *** E03 ***
    VESSELS

        GASOLINE                               0             4            15           617          1939
        TOTAL (VESSELS)                        0             4            15           617          1939

    TOTAL (TRANSPORTATION)                 11512          1310         15907         16605        125846

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          68             1            16            96           559
    STRUCTURAL FIRES                           2             0             0             1             8
    GASOLINE STA EVAP LOSS                     0             0             0          2132             0
    SOLVENT EVAPORATION LOSS                   0             0             0          6189             0
    UNPAVED ROADS                         229419             0             0             0             0
    UNPAVED AIRSTRIPS                        280             0             0             0             0
    TOTAL (MISCELLANEOUS)                 229769             1            16          8418           567

GRAND TOTAL
***********

    AREA SOURCES                          241444          1530         17200         25122        126861

    POINT SOURCES                          15269         34867         62966          1377          2561

    TOTAL                                 256713         36397         80166         26499        129422
```

ELECTRIC GENERATION					
DISTILLATE OIL	0	1	2	0	0
TOTAL (ELEC GEN)	0	1	2	0	0
TOTAL (INTERNAL COMB)	0	1	2	0	0
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	203	212	154	44	1370
POINT SOURCES	900	11760	2346	35	174
INDUSTRIAL PROCESS (POINT) ***************************					
MINERAL PRODUCTS	4	0	0	0	0
WOOD PRODUCTS	1498	668	252	0	5166
ORGANIC SOLVENT EVAPORATION	0	0	0	37	0
OTHER/NOT CLASSIFIED	0	0	0	81	0
TOTAL (INDUSTRIAL)	1502	668	252	118	5166
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OPEN BURNING	4	0	2	8	22
TOTAL (GOVERNMENT)	4	0	2	8	22
RESIDENTIAL (AREA)					
ON SITE INCINERATION	20	0	1	58	173
OPEN BURNING	62	2	16	84	267
TOTAL (RESIDENTIAL)	82	2	17	142	440
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION AREA SOURCES	6	2	3	3	8
TOTAL (COMM-INST) AREA SOURCES	6	2	3	3	8
INDUSTRIAL					
ON SITE INCINERATION AREA SOURCES	1	0	0	1	2
TOTAL (INDUSTRIAL) AREA SOURCES	1	0	0	1	2
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	89	4	20	146	450
POINT SOURCES	4	0	2	8	22
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	388	19	437	509	4423
LIGHT DUTY TRUCKS	145	10	227	258	1945
HEAVY DUTY VEHICLES	39	4	144	155	2129
OFF HIGHWAY	3	1	26	93	996
TOTAL (GASOLINE)	575	34	834	1015	9493

```
*** E06 ***                                                                                                   *** E06 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                                         AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:31 NEW JERSEY      AQCR:151 NORTHEAST PENNSYLVANIA-UPPER D     POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                               PARTICULATES        SOX            NOX             HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               19             49              6              4            165
         DISTILLATE OIL                57            658            411             22            115
         NATURAL GAS                   18              0            144             15             37
         WOOD                         186              4              7             38           1332
         TOTAL (RESIDENTIAL)          280            711            568             79           1649

      ELEC GENERATION (POINT)

         RESIDUAL OIL                   7            841            562              6             26
         NATURAL GAS                    2            121            649              5              7
         TOTAL (ELEC GEN)               9            962           1211             11             33

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                2             10              2              0              0
         RESIDUAL OIL
            POINT SOURCES              52            782            334              6             28
         DISTILLATE OIL
            AREA SOURCES               11            102            124              7             18
            POINT SOURCES               5            354             56              2             13
         NATURAL GAS
            AREA SOURCES                2              0             55             10              6
            POINT SOURCES               0              0            810              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               15            112            181             17             24
            POINT SOURCES              57           1136           1200              8             41

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                9             21              9              0              0
         RESIDUAL OIL
            AREA SOURCES               68            322            243              3             21
         DISTILLATE OIL
            AREA SOURCES                7            108             83              3             19
         NATURAL GAS
            AREA SOURCES                6              0             69              4             12
         TOTAL (COMM-INST)
            AREA SOURCES               90            451            404             10             52

      TOTAL (EXTERNAL COMB)
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	794	60	1050	2024	20659
LIGHT DUTY TRUCKS	619	66	1024	1734	15404
HEAVY DUTY VEHICLES	172	20	453	782	13845
OFF HIGHWAY	8	4	79	285	3063
TOTAL (GASOLINE)	1593	150	2606	4825	52971
DIESEL					
HEAVY DUTY VEHICLES	1871	1015	9476	2083	4790
OFF HIGHWAY	69	58	696	103	206
RAIL	115	263	1703	433	599
TOTAL (DIESEL)	2055	1336	11875	2619	5595
AIRCRAFT					
MILITARY	3	0	2	5	10
CIVIL	0	0	0	10	450
COMMERCIAL	4	8	73	82	182
TOTAL (AIRCRAFT)	7	8	75	97	642
VESSELS					
GASOLINE	0	1	3	117	367
TOTAL (VESSELS)	0	1	3	117	367
TOTAL (TRANSPORTATION)	3655	1495	14559	7658	59575
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	216	2	51	303	1772
STRUCTURAL FIRES	20	0	2	15	82
GASOLINE STA EVAP LOSS	0	0	0	565	0
SOLVENT EVAPORATION LOSS	0	0	0	2005	0
UNPAVED ROADS	166238	0	0	0	0
UNPAVED AIRSTRIPS	7	0	0	0	0
TOTAL (MISCELLANEOUS)	166481	2	53	2888	1854
GRAND TOTAL ***********					
AREA SOURCES	170678	1888	15074	10812	64541
POINT SOURCES	18292	131301	128402	18417	6117
TOTAL	188970	133189	143476	29229	70658

```
          DISTILLATE OIL                       2            1           18            1            2
          NATURAL GAS                          4            2         1470          243           20
          TOTAL (ELEC GEN)                     6            3         1488          244           22

       INDUSTRIAL FUEL

          DISTILLATE OIL                      14           11          126           10           42
          NATURAL GAS                        280         2680        61453        23894         6152
          TOTAL (INDUSTRIAL)                 294         2691        61579        23904         6194

       TOTAL (INTERNAL COMB)                 300         2694        63067        24148         6216

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES                    246          359          737           56          378
             POINT SOURCES                   552         9904        71129        24188         6643

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   414        44092         1307            0            0
    FOOD/AGRICULTURAL                         15            0            0            0            0
    MINERAL PRODUCTS                       21824            9            1            0            0
    PETROLEUM INDUSTRY                        83        85232          707          330         4843
    PETROLEUM STORAGE/TRANSPORT                0            0            0        15582            0
    OTHER/NOT CLASSIFIED                       0           63            3            0            1
    TOTAL (INDUSTRIAL)                     22336       129396         2018        15912         4844

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                   69            0            1          192          579
       OPEN BURNING                          317           12           80          430         1362
       TOTAL (RESIDENTIAL)                   386           12           81          622         1941

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                     13            4            6            9           20
       OPEN BURNING
             AREA SOURCES                     10            0            4           18           48
       TOTAL (COMM-INST)
             AREA SOURCES                     23            4           10           27           68

    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                     14            4            4           10           15
       OPEN BURNING
             AREA SOURCES                      4            0            0            4           20
       TOTAL (INDUSTRIAL)
             AREA SOURCES                     18            4            4           14           35

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES                    427           20           95          663         2044

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE
```

```
*** E10 ***
              AREA SOURCES            24          340          261           12           59
              POINT SOURCES            3          168           36            2            8
          NATURAL GAS
              AREA SOURCES            30            1          354           22           60
              POINT SOURCES            1            0           14            0            1
          TOTAL (COMM-INST)
              AREA SOURCES           368         2587         1673           51          207
              POINT SOURCES          698         5928         1255           50          149

      TOTAL (EXTERNAL COMB)
              AREA SOURCES          1243         5527         5564          465         3548
              POINT SOURCES         5245       102578        29692          521         1539

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES          1243         5527         5564          465         3548
              POINT SOURCES         5245       102578        29692          521         1539

INDUSTRIAL PROCESS (POINT)
**************************

   ORGANIC SOLVENT EVAPORATION         0            0            0           17            0
   OTHER/NOT CLASSIFIED             7012          376          932        37732            4
   TOTAL (INDUSTRIAL)               7012          376          932        37749            4

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION         17            2            2            1           23
       OTHER INCINERATION              1            0            0            0            0
       TOTAL (GOVERNMENT)             18            2            2            1           23

   RESIDENTIAL (AREA)

       ON SITE INCINERATION          161            2            3          456         1366
       OPEN BURNING                  733           28          186          985         3128
       TOTAL (RESIDENTIAL)           894           30          189         1441         4494

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES          157           48           74           89          213
               POINT SOURCES         200           32           27          146          213
       OPEN BURNING
               AREA SOURCES            2            0            1            3            9
       TOTAL (COMM-INST)
               AREA SOURCES          159           48           75           92          222
               POINT SOURCES         200           32           27          146          213

   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES           37            6            6           35           52
               POINT SOURCES           7            4            3           22           29
       OPEN BURNING
               AREA SOURCES           22            1            6           35          130
       TOTAL (INDUSTRIAL)
               AREA SOURCES           59            7           12           70          182
               POINT SOURCES           7            4            3           22           29

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES         1112           85          276         1603         4898
               POINT SOURCES         225           38           32          169          265
```

```
*** E11 ***                                                                                              *** E11 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       ********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY     JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:33 NEW YORK       AQCR:164 SOUTHERN TIER WEST          POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                             PARTICULATES       SOX            NOX            HC             CO
                             ************  ************   ************   ************   ************
                              TONS / YR     TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              23            63              8              7            213
         DISTILLATE OIL               28           315            197             12             55
         NATURAL GAS                 140             9           1121            113            280
         WOOD                       1712            34             68            344          12312
         TOTAL (RESIDENTIAL)        1903           421           1394            476          12860

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            2141        101730          23337            538           1529
         TOTAL (ELEC GEN)           2141        101730          23337            538           1529

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES              5            10              4              0              0
         BITUMINOUS COAL
            POINT SOURCES            486          1743            358              6             21
         RESIDUAL OIL
            AREA SOURCES             100           732            345              6             29
            POINT SOURCES            131          1738            361              6             30
         DISTILLATE OIL
            AREA SOURCES              35           339            412             22             58
            POINT SOURCES              4           689            314             13             71
         NATURAL GAS
            AREA SOURCES              13             0            481            104             57
            POINT SOURCES              4             0            153              0              8
         WOOD
            POINT SOURCES            199            39            249             50             50
         TOTAL (INDUSTRIAL)
            AREA SOURCES             148          1071           1238            132            144
            POINT SOURCES            829          4219           1439             75            180

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              13            32             14              0              0
         BITUMINOUS COAL
            POINT SOURCES              0             2              0              0              0
         RESIDUAL OIL
            AREA SOURCES             122           906            427              7             36
            POINT SOURCES             32          1839            367              6             30
```

```
*** E12 ***                                                                                    *** E12 ***
            WOOD
               AREA SOURCES                4            0            4            0            0
            TOTAL (COMM-INST)
               AREA SOURCES               21          114          205           10           36
               POINT SOURCES              70          927          216            3           15

         TOTAL (EXTERNAL COMB)
               AREA SOURCES             2440         2994         3441          728        11982
               POINT SOURCES           18440       127889        54181         1087         3252

      INTERNAL COMBUSTION (POINT)

         INDUSTRIAL FUEL

            DISTILLATE OIL                 0            1           17            1            4
            TOTAL (INDUSTRIAL)             0            1           17            1            4

         TOTAL (INTERNAL COMB)             0            1           17            1            4

      TOTAL (FUEL COMBUSTION)

               AREA SOURCES             2440         2994         3441          728        11982
               POINT SOURCES           18440       127890        54198         1088         3256

   INDUSTRIAL PROCESS (POINT)
   **************************

      CHEMICAL MANUFACTURING               0            0            0           11            0
      FOOD/AGRICULTURAL                  529            0            0            0            0
      SECONDARY METALS                    63            0            0           50            0
      MINERAL PRODUCTS                  1679           78          869          214           83
      WOOD PRODUCTS                    10576            0            0            0            0
      ORGANIC SOLVENT EVAPORATION          0            0            0        11699            0
      TEXTILE MANUFACTURING                2            0           10            9            0
      OTHER/NOT CLASSIFIED                 5            0            0            0            0
      TOTAL (INDUSTRIAL)               12854           78          879        11983           83

   SOLID WASTE DISPOSAL
   ********************

      RESIDENTIAL (AREA)

         OPEN BURNING                    692           25          179          936         2957
         TOTAL (RESIDENTIAL)             692           25          179          936         2957

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
               AREA SOURCES               51           16           25           30           73
               POINT SOURCES               0            1            1            1            3
         TOTAL (COMM-INST)
               AREA SOURCES               51           16           25           30           73
               POINT SOURCES               0            1            1            1            3

      INDUSTRIAL

         ON SITE INCINERATION
               AREA SOURCES               24            5            5           23           31
               POINT SOURCES               4            5            9            4           14
         OPEN BURNING
               AREA SOURCES                1            0            0            1            5
         TOTAL (INDUSTRIAL)
               AREA SOURCES               25            5            5           24           36
               POINT SOURCES               4            5            9            4           14

      TOTAL (SOLID WASTE DISP)
```

```
                                           NATIONAL EMISSIONS DATA SYSTEM
                                          ********************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                          *********************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                    POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981
STATE:34 NORTH CAROLINA  AQCR:169 SANDHILLS

                              PARTICULATES        SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  67           774            486             27            134
         NATURAL GAS                     24             0            190             19             48
         WOOD                          1064            23             44            214           7650
         TOTAL (RESIDENTIAL)           1155           797            720            260           7832

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                327          5735           2470             41            137
         DISTILLATE OIL                   0            16             23              1              4
         OTHER                            8             2             15              3              3
         TOTAL (ELEC GEN)               335          5753           2508             45            144

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                291           788            462             14             31
            POINT SOURCES               101           204            123              8             17
         RESIDUAL OIL
            POINT SOURCES               416          5522           1095             19             90
         DISTILLATE OIL
            AREA SOURCES                  9            81            100              4             14
            POINT SOURCES                 1            75              9              0              2
         NATURAL GAS
            AREA SOURCES                 20             0            823            204             98
            POINT SOURCES                 2             0             27              0              3
         WOOD
            AREA SOURCES                 14             0             19              1              4
            POINT SOURCES               102            10             73             15             15
         TOTAL (INDUSTRIAL)
            AREA SOURCES                334           869           1404            223            147
            POINT SOURCES               622          5811           1327             42            127

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES                44           576            106              1              8
         DISTILLATE OIL
            AREA SOURCES                  5            90             69              1             14
            POINT SOURCES                 7           123             87              4             20
         NATURAL GAS
            AREA SOURCES                 10             0            120              7             22
            POINT SOURCES                 0             0              1              0              0
         WOOD
```

```
*** E14 ***                                                                                          *** E14 ***
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           7377         441       11130       13830      109991
         LIGHT DUTY TRUCKS             3093         274        6515        6930       48425
         HEAVY DUTY VEHICLES            793         101        3793        3424       46913
         OFF HIGHWAY                    231         125        2345        8439       90493
         TOTAL (GASOLINE)             11494         941       23783       32623      295822

      DIESEL

         HEAVY DUTY VEHICLES           3121        1623       16883        1936        5261
         OFF HIGHWAY                   1706        1431       17267        2542        5111
         RAIL                           396         895        5809        1477        2045
         TOTAL (DIESEL)                5223        3949       39959        5955       12417

   AIRCRAFT

      MILITARY                          377          35         227         671        1208
      CIVIL                               1           0           3         102        4637
      COMMERCIAL                         11          23         219         245         548
      TOTAL (AIRCRAFT)                  389          58         449        1018        6393

   VESSELS

      GASOLINE                            0           4          28        1253        3954
      TOTAL (VESSELS)                     0           4          28        1253        3954

   TOTAL (TRANSPORTATION)             17106        4952       64219       40849      318586

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     590           2         144         838        4901
   FOREST MANAGED BURNING               111           0          22         100         620
   STRUCTURAL FIRES                     175           0          15         130         718
   GASOLINE STA EVAP LOSS                 0           0           0        3678           0
   SOLVENT EVAPORATION LOSS               0           0           0       10410           0
   UNPAVED ROADS                    1225872           0           0           0           0
   UNPAVED AIRSTRIPS                     48           0           0           0           0
   TOTAL (MISCELLANEOUS)            1226796           2         181       15156        6239

GRAND TOTAL
***********

   AREA SOURCES                     1252678       21437       76151       61324      339795

   POINT SOURCES                      11157       93513       75820        4724        5644

   TOTAL                            1263835      114950      151971       66048      345439
```

```
*** E15 ***                                                                                                          *** E15 ***

                                                   NATIONAL EMISSIONS DATA SYSTEM
                                                 **********************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                 **********************************

STATE/AQCR EMISSIONS REPORT                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
******************************                                            AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:36 OHIO            AQCR:079 METROPOLITAN CINCINNATI                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                     PARTICULATES           SOX              NOX              HC               CO
                                     ************     ************     ************     ************     ************
                                      TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                 7               15                1                1               55
            DISTILLATE OIL                 59              683              427               23              119
            NATURAL GAS                   234               13             1864              186              466
            WOOD                           83                1                4               17              594
            TOTAL (RESIDENTIAL)           383              712             2296              227             1234

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             14302           238158            49096              858             2871
            DISTILLATE OIL                 15              511              795               13               64
            NATURAL GAS                    11                7              793                8               21
            TOTAL (ELEC GEN)            14328           238676            50684              879             2956

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              645             3762              862               26               57
                POINT SOURCES            4463            15042             7180              242              631
            RESIDUAL OIL
                POINT SOURCES             461             6016             2531               58              198
            DISTILLATE OIL
                AREA SOURCES               14              132              160                9               22
                POINT SOURCES              39             1932              343               28               77
            NATURAL GAS
                AREA SOURCES               98                5             6343             1995              803
                POINT SOURCES              54                4             2101               15               63
            PROCESS GAS
                POINT SOURCES              61              620                0                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              757             3899             7365             2030              882
                POINT SOURCES            5078            23614            12155              343              969

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES               22               54               23                0                1
            BITUMINOUS COAL
                POINT SOURCES             249              999              557               30               71
            RESIDUAL OIL
                AREA SOURCES               53              342              184                3               16
            DISTILLATE OIL
                AREA SOURCES               18              241              184                8               42
```

```
      ON SITE INCINERATION
          AREA SOURCES                 141         29         29        126        189
          POINT SOURCES                  3          2          2          0          0
      OPEN BURNING
          AREA SOURCES                  76          2         25        130        459
      TOTAL (INDUSTRIAL)
          AREA SOURCES                 217         31         54        256        648
          POINT SOURCES                  3          2          2          0          0

    TOTAL (SOLID WASTE DISP)
          AREA SOURCES                2496        155        486       4437      13386
          POINT SOURCES                728        429        511        427       5775

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

      GASOLINE

        LIGHT DUTY VEHICLES          23514        818      19896      31472     286652
        LIGHT DUTY TRUCKS             3291        168       3729       5070      40640
        HEAVY DUTY VEHICLES           1041         83       2705       3798      51801
        OFF HIGHWAY                     80         43        789       2841      30477
        TOTAL (GASOLINE)             27926       1112      27119      43181     409570

      DIESEL

        HEAVY DUTY VEHICLES           1847        776       7676       1100       3113
        OFF HIGHWAY                    327        274       3311        487        979
        RAIL                            90        206       1333        340        469
        TOTAL (DIESEL)                2264       1256      12320       1927       4561

    AIRCRAFT

      MILITARY                         242         23        146        431        776
      CIVIL                              1          0          1         31       1402
      COMMERCIAL                        17         37        346        387        864
      TOTAL (AIRCRAFT)                 260         60        493        849       3042

    VESSELS

      GASOLINE                           0          2         11        470       1479
      TOTAL (VESSELS)                    0          2         11        470       1479

    TOTAL (TRANSPORTATION)           30450       2430      39943      46427     418652

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                   302          0         36        227       1230
    GASOLINE STA EVAP LOSS               0          0          0       4897          0
    SOLVENT EVAPORATION LOSS             0          0          0      58823          0
    UNPAVED ROADS                     2066          0          0          0          0
    TOTAL (MISCELLANEOUS)             2368          0         36      63947       1230

GRAND TOTAL
***********

    AREA SOURCES                     36514       7516      50161     116908     435241

    POINT SOURCES                    22605      37739      20193      22497       8728

    TOTAL                            59119      45255      70354     139405     443969
```

```
                                   NATIONAL EMISSIONS DATA SYSTEM
                                  ************************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                  ***************************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:   TUESDAY    JANUARY 26, 1982
******************************                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:36 OHIO          AQCR:177 NORTHWEST OHIO                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES        SOX            NOX            HC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              1             16              0              0             50
         DISTILLATE OIL              43            513            319             17             90
         NATURAL GAS                 94              2            758             76            190
         WOOD                       149              3              5             31           1062
         TOTAL (RESIDENTIAL)        287            534           1082            124           1392

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           4103           5956            943             36             85
         DISTILLATE OIL               2             36             74              2              4
         TOTAL (ELEC GEN)          4105           5992           1017             38             89

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            360           2106            482             15             30
            POINT SOURCES          2724           5328           1069             43            136
         RESIDUAL OIL
            POINT SOURCES            63            798            281              4             21
         DISTILLATE OIL
            AREA SOURCES              9             79             99              2             14
            POINT SOURCES            10            138            107              5             23
         NATURAL GAS
            AREA SOURCES             76              3           4873           1533            616
            POINT SOURCES           255             14           3410            200            511
         PROCESS GAS
            POINT SOURCES             0              5              0              0              0
         WOOD
            POINT SOURCES             2              5             36              7              7
         TOTAL (INDUSTRIAL)
            AREA SOURCES            445           2188           5454           1550            660
            POINT SOURCES          3054           6288           4903            259            698

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             18             39             20              0              0
         BITUMINOUS COAL
            POINT SOURCES           268            561             70              3              9
         RESIDUAL OIL
            AREA SOURCES             19            126             68              0              3
         DISTILLATE OIL
```

```
*** F02 ***                                                                                              *** F02 ***
                  AREA SOURCES              30            2            351            23            59
                  POINT SOURCES              4            0             93             2             9
              TOTAL (COMM-INST)
                  AREA SOURCES              68           70            386            25            65
                  POINT SOURCES             34          483            216             4            21

          TOTAL (EXTERNAL COMB)
                  AREA SOURCES             567          975           2586           486           480
                  POINT SOURCES            368         8309          13332            77           324

      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

              DISTILLATE OIL                 8           53            109             9            24
              NATURAL GAS                    0            0            101            42            13
              TOTAL (ELEC GEN)               8           53            210            51            37

          INDUSTRIAL FUEL

              NATURAL GAS                    8            0           2902          1195           367
              TOTAL (INDUSTRIAL)             8            0           2902          1195           367

          TOTAL (INTERNAL COMB)             16           53           3112          1246           404

      TOTAL (FUEL COMBUSTION)

                  AREA SOURCES             567          975           2586           486           480
                  POINT SOURCES            384         8362          16444          1323           728

INDUSTRIAL PROCESS (POINT)
***************************

      CHEMICAL MANUFACTURING                 0            0            770             0             0
      FOOD/AGRICULTURAL                   2852            0              0             1             5
      SECONDARY METALS                      28            0              0             0           468
      MINERAL PRODUCTS                     701            1             11             1             3
      ORGANIC SOLVENT EVAPORATION            0            0              0         10999             0
      PETROLEUM STORAGE/TRANSPORT            0            0              0             2             0
      TOTAL (INDUSTRIAL)                  3581            1            781         11003           476

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION             212            3              6           595          1784
          OPEN BURNING                     371           15             95           500          1587
          TOTAL (RESIDENTIAL)              583           18            101          1095          3371

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  POINT SOURCES              1            1              2             2             5
          TOTAL (COMM-INST)
                  POINT SOURCES              1            1              2             2             5

      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES             583           18            101          1095          3371
                  POINT SOURCES              1            1              2             2             5

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES
```

```
*** F04 ***                                                                                          *** F04 ***
      DIESEL

         HEAVY DUTY VEHICLES                  53          27          268          32          89
         OFF HIGHWAY                          20          16          198          29          59
         RAIL                                  0           0            2           0           1
         TOTAL (DIESEL)                       73          43          468          61         149

   AIRCRAFT

      CIVIL                                    0           0            0           3         125
      TOTAL (AIRCRAFT)                         0           0            0           3         125

   VESSELS

      GASOLINE                                 0           0            2          72         226
      TOTAL (VESSELS)                          0           0            2          72         226

   TOTAL (TRANSPORTATION)                    648          77         1304        1151        9993

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                            0           0            0           0           2
   STRUCTURAL FIRES                           10           0            1           7          40
   GASOLINE STA EVAP LOSS                      0           0            0         160           0
   SOLVENT EVAPORATION LOSS                    0           0            0        2274           0
   UNPAVED ROADS                            1426           0            0           0           0
   UNPAVED AIRSTRIPS                           2           0            0           0           0
   TOTAL (MISCELLANEOUS)                    1438           0            1        2441          42

GRAND TOTAL
***********

   AREA SOURCES                             2378         293         1479        3782       11855

   POINT SOURCES                            2406       12428         2600         161        5362

   TOTAL                                    4784       12721         4079        3943       17217
```

```
*** F05 ***                                                                                          *** F05 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:31 NEW JERSEY     AQCR:043 NEW JERSEY-NEW YORK-CONNECTICU   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX             HC              CO
                              ************    ************   ************    ************    ************
                               TONS / YR       TONS / YR      TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              166            443             50              43            1497
         DISTILLATE OIL               808           9316           5823             324            1618
         NATURAL GAS                  425             26           3391             339             849
         WOOD                         235              5              9              47            1692
         TOTAL (RESIDENTIAL)         1634           9790           9273             753            5656

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             1187          26535           6285             105             349
         RESIDUAL OIL                 483          15597          32994             314            1571
         NATURAL GAS                    4              6           7299              10             177
         TOTAL (ELEC GEN)            1674          42138          46578             429            2097

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               26            193             53               0               2
         LIGNITE
            POINT SOURCES               1              0              0               0               0
         RESIDUAL OIL
            POINT SOURCES            2708          26060          23300             411            1894
         DISTILLATE OIL
            AREA SOURCES              227           2178           2648             144             378
            POINT SOURCES              29            569            324              36              77
         NATURAL GAS
            AREA SOURCES               44              0           1284             232             143
            POINT SOURCES             152              2           2293              19             103
         PROCESS GAS
            POINT SOURCES               0              1              0               0               0
         LIQUID PETROL GAS
            POINT SOURCES               0              0              3               0               0
         OTHER
            POINT SOURCES               1              0              0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              297           2371           3985             376             523
            POINT SOURCES            2891          26632          25920             466            2074

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              132            317            140               0              10
         BITUMINOUS COAL
```

```
*** F06 ***                                                                                              *** F06 ***
                 AREA SOURCES             385        1274        1153         106        1725
                 POINT SOURCES             66        2098        2411          19          74

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                     5           0         721          59         164
         NATURAL GAS                        0           0         120          12          33
         TOTAL (ELEC GEN)                   5           0         841          71         197

      TOTAL (INTERNAL COMB)                 5           0         841          71         197

   TOTAL (FUEL COMBUSTION)

                 AREA SOURCES             385        1274        1153         106        1725
                 POINT SOURCES             71        2098        3252          90         271

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                 134           0           0          98           0
   SECONDARY METALS                       348           0           1           0        7250
   MINERAL PRODUCTS                       761         147           0           0           0
   WOOD PRODUCTS                            0           0           0         700           0
   TOTAL (INDUSTRIAL)                    1243         147           1         798        7250

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 32           0           1          90         269
      OPEN BURNING                        637          23         163         860        2728
      TOTAL (RESIDENTIAL)                 669          23         164         950        2997

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                 AREA SOURCES             141          45          67          82         193
      TOTAL (COMM-INST)
                 AREA SOURCES             141          45          67          82         193

   INDUSTRIAL

      ON SITE INCINERATION
                 AREA SOURCES               4           1           1           3           4
      TOTAL (INDUSTRIAL)
                 AREA SOURCES               4           1           1           3           4

   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             814          69         232        1035        3194

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             5215         308        7445        8747       69571
         LIGHT DUTY TRUCKS                899          75        1699        1809       12681
         HEAVY DUTY VEHICLES              174          20         730         689        9467
         OFF HIGHWAY                       18           9         171         616        6603
         TOTAL (GASOLINE)                6306         412       10045       11861       98322
```

```
*** F08 ***                                                                                          *** F08 ***
          LIGHT DUTY VEHICLES        3360          132          2637          5802         59275
          LIGHT DUTY TRUCKS          1461           81          1480          2922         27118
          HEAVY DUTY VEHICLES         272           22           604          1128         17540
          OFF HIGHWAY                  25           12           244           874          9381
          TOTAL (GASOLINE)           5118          247          4965         10726        113314

      DIESEL

          HEAVY DUTY VEHICLES        1471          642          6205          1304          3249
          OFF HIGHWAY                 207          172          2092           309           618
          RAIL                        215          490          3188           810          1121
          TOTAL (DIESEL)             1893         1304         11485          2423          4988

   AIRCRAFT

      MILITARY                        212           20           128           378           681
      CIVIL                             0            0             1            19           878
      COMMERCIAL                        2            4            38            42            96
      TOTAL (AIRCRAFT)                214           24           167           439          1653

   VESSELS

      GASOLINE                          0            2             7           314           986
      TOTAL (VESSELS)                   0            2             7           314           986

   TOTAL (TRANSPORTATION)            7225         1577         16624         13902        120941

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    72            0            17           101           593
   STRUCTURAL FIRES                    63            0             8            48           253
   GASOLINE STA EVAP LOSS               0            0             0          1242             0
   SOLVENT EVAPORATION LOSS             0            0             0          3667             0
   UNPAVED ROADS                   353278            0             0             0             0
   UNPAVED AIRSTRIPS                   11            0             0             0             0
   TOTAL (MISCELLANEOUS)           353424            0            25          5058           846

GRAND TOTAL
***********

   AREA SOURCES                    361322         1956         17481         19679        124209

   POINT SOURCES                    22888       139300         73147         40100         11487

   TOTAL                           384210       141256         90628         59779        135696
```

```
*** F09 ***                                                                                             *** F09 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                    AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:33 NEW YORK        AQCR:043 NEW JERSEY-NEW YORK-CONNECTICU      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES       SOX            NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                482           1281            144            121           4335
         DISTILLATE OIL                1885          21714          13572            753           3769
         NATURAL GAS                    501             29           4006            402           1001
         WOOD                           200              4              8             40           1440
         TOTAL (RESIDENTIAL)           3068          23028          17730           1316          10545

      ELEC GENERATION (POINT)

         RESIDUAL OIL                  1626          92043          87338            831           4158
         DISTILLATE OIL                  75            788           1132             18             86
         NATURAL GAS                    119             18          21619             31            524
         TOTAL (ELEC GEN)              1820          92849         110089            880           4768

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                  7             18              8              0              1
         RESIDUAL OIL
            AREA SOURCES               1501          10976           5176             85            431
            POINT SOURCES                87           1160           1261             20            104
         DISTILLATE OIL
            AREA SOURCES                428           4095           4975            270            711
            POINT SOURCES                16            422            171              7             36
         NATURAL GAS
            AREA SOURCES                134              8           4645           1006            540
            POINT SOURCES                27              1           1096              6             44
         TOTAL (INDUSTRIAL)
            AREA SOURCES               2070          15097          14804           1361           1683
            POINT SOURCES               130           1583           2528             33            184

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                215            520            225              0             18
            POINT SOURCES                96             12             10              0              1
         BITUMINOUS COAL
            POINT SOURCES              1496            828            373             19             42
         RESIDUAL OIL
            AREA SOURCES               4158          30932          14592            244           1216
            POINT SOURCES              1215          16508           9571            160            797
         DISTILLATE OIL
```

```
*** F10 ***
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          19529        791      18164      23706     213963
         LIGHT DUTY TRUCKS             3359        210       4705       3588      42547
         HEAVY DUTY VEHICLES            772         70       2386       2923      40278
         OFF HIGHWAY                     95         49        931       3354      35967
         TOTAL (GASOLINE)             23753       1120      26186      35571     332755

      DIESEL

         HEAVY DUTY VEHICLES           1139        520       5109        672       1901
         OFF HIGHWAY                    514        432       5207        765       1541
         RAIL                            63        147        953        241        336
         TOTAL (DIESEL)                1716       1099      11269       1678       3778

   AIRCRAFT

      MILITARY                            5          1          3          9         17
      CIVIL                               1          0          1         43       1938
      COMMERCIAL                         12         27        249        278        621
      TOTAL (AIRCRAFT)                   18         28        253        330       2576

   VESSELS

      GASOLINE                            0          7         30       1205       3785
      TOTAL (VESSELS)                     0          7         30       1205       3785

   TOTAL (TRANSPORTATION)             25487       2254      37738      38784     342894

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                     321          1         38        240       1307
   GASOLINE STA EVAP LOSS                 0          0          0       6963          0
   SOLVENT EVAPORATION LOSS               0          0          0      27316          0
   UNPAVED ROADS                      14385          0          0          0          0
   UNPAVED AIRSTRIPS                      9          0          0          0          0
   TOTAL (MISCELLANEOUS)              14715          1         38      34519       1307

GRAND TOTAL
***********

   AREA SOURCES                       42557       7867      43616      75371     352647

   POINT SOURCES                      12482     102992      30656      38439       1808

   TOTAL                              55039     110859      74272     113810     354455
```

```
          DISTILLATE OIL
               AREA SOURCES              9        140       108         5        24
               POINT SOURCES             0         20         2         0         0
          NATURAL GAS
               AREA SOURCES             18          0       197        13        33
          TOTAL (COMM-INST)
               AREA SOURCES            162       1078       746        25        93
               POINT SOURCES            32       1861       369         6        30

     TOTAL (EXTERNAL COMB)
               AREA SOURCES           2213       2570      3378       633     13097
               POINT SOURCES          3002     107810     25145       619      1739

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES           2213       2570      3378       633     13097
               POINT SOURCES          3002     107810     25145       619      1739

INDUSTRIAL PROCESS (POINT)
**************************

   OTHER/NOT CLASSIFIED               3355          5       312      3160       434
   TOTAL (INDUSTRIAL)                 3355          5       312      3160       434

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

     MUNICIPAL INCINERATION             12          2         2         9        13
     TOTAL (GOVERNMENT)                 12          2         2         9        13

   RESIDENTIAL (AREA)

     ON SITE INCINERATION               82          0         1       234       701
     OPEN BURNING                      382         14        97       513      1630
     TOTAL (RESIDENTIAL)               464         14        98       747      2331

   COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
               AREA SOURCES             80         24        38        46       109
               POINT SOURCES            62          9         9        50        71
     TOTAL (COMM-INST)
               AREA SOURCES             80         24        38        46       109
               POINT SOURCES            62          9         9        50        71

   INDUSTRIAL

     ON SITE INCINERATION
               AREA SOURCES             11          2         2        10        16
               POINT SOURCES             7          1         1         7        11
     OPEN BURNING
               AREA SOURCES              7          0         2        11        45
     TOTAL (INDUSTRIAL)
               AREA SOURCES             18          2         4        21        61
               POINT SOURCES             7          1         1         7        11

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES            562         40       140       814      2501
               POINT SOURCES            81         12        12        66        95

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES
```

```
*** F12 ***                                                                                          *** F12 ***
          AREA SOURCES                 768          46          209          990         3066
          POINT SOURCES                  4           6           10            5           17

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

      GASOLINE

        LIGHT DUTY VEHICLES           7042         431        10563        13306       102292
        LIGHT DUTY TRUCKS             1907         163         3713         4107        27915
        HEAVY DUTY VEHICLES            564          70         2441         2284        31270
        OFF HIGHWAY                     54          29          520         1873        20065
        TOTAL (GASOLINE)              9567         693        17237        21570       181542

      DIESEL

        HEAVY DUTY VEHICLES           1605         860         7993          864         2533
        OFF HIGHWAY                    410         344         4148          607         1228
        RAIL                           146         332         2154          548          758
        TOTAL (DIESEL)                2161        1536        14295         2019         4519

    AIRCRAFT

      MILITARY                           2           0            1            3            5
      CIVIL                              1           0            1           34         1586
      COMMERCIAL                         2           4           40           45          100
      TOTAL (AIRCRAFT)                   5           4           42           82         1689

    VESSELS

      GASOLINE                           0           0            2          100          312
      TOTAL (VESSELS)                    0           0            2          100          312

    TOTAL (TRANSPORTATION)           11733        2233        31576        23771       188062

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   141           0           34          196         1151
    FOREST MANAGED BURNING             221           0           45          198         1237
    STRUCTURAL FIRES                   153           0           17          115          618
    GASOLINE STA EVAP LOSS               0           0            0         2483            0
    SOLVENT EVAPORATION LOSS             0           0            0        24957            0
    UNPAVED ROADS                    50656           0            0            0            0
    UNPAVED AIRSTRIPS                    5           0            0            0            0
    TOTAL (MISCELLANEOUS)            51176           0           96        27949         3006

GRAND TOTAL
***********

    AREA SOURCES                     66117        5273        35322        53438       206116

    POINT SOURCES                    31298      127974        55087        13076         3356

    TOTAL                            97415      133247        90409        66514       209472
```

```
*** F13 ***                                                                                          *** F13 ***
                  AREA SOURCES                 4           0           4           0           0
            TOTAL (COMM-INST)
                  AREA SOURCES                19          90         193           8          36
                  POINT SOURCES               51         699         194           5          28

        TOTAL (EXTERNAL COMB)
                  AREA SOURCES              1508        1756        2317         491        8015
                  POINT SOURCES             1008       12263        4029          92         299

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES              1508        1756        2317         491        8015
                  POINT SOURCES             1008       12263        4029          92         299

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                     6           1           0          59           0
    FOOD/AGRICULTURAL                        435           0           0           0           0
    SECONDARY METALS                          15           0           0           0          73
    MINERAL PRODUCTS                         367           0           0           0           0
    WOOD PRODUCTS                            600           3          10          10          20
    ORGANIC SOLVENT EVAPORATION                0           0           9        3387           0
    PETROLEUM STORAGE/TRANSPORT                0           0           0          19           0
    TEXTILE MANUFACTURING                     23           0          27         179           0
    OTHER/NOT CLASSIFIED                      20           0           0         511           0
    TOTAL (INDUSTRIAL)                      1466           4          46        4165          93

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        OPEN BURNING                        1948          74         499        2629        8335
        TOTAL (RESIDENTIAL)                 1948          74         499        2629        8335

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES               150          46          71          89         206
                  POINT SOURCES                0           1           1           1           2
        OPEN BURNING
                  AREA SOURCES                 2           0           0           4           8
        TOTAL (COMM-INST)
                  AREA SOURCES               152          46          71          93         214
                  POINT SOURCES                0           1           1           1           2

    INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES               177          36          36         158         237
                  POINT SOURCES                1           0           0           1           1
        OPEN BURNING
                  AREA SOURCES                73           2          26         128         449
        TOTAL (INDUSTRIAL)
                  AREA SOURCES               250          38          62         286         686
                  POINT SOURCES                1           0           0           1           1

    TOTAL (SOLID WASTE DISP)
                  AREA SOURCES              2350         158         632        3008        9235
                  POINT SOURCES                1           1           1           2           3

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

POINT SOURCES	6	114	84	7	17
NATURAL GAS					
AREA SOURCES	115	7	1374	92	229
POINT SOURCES	4	0	42	3	5
TOTAL (COMM-INST)					
AREA SOURCES	208	644	1765	103	288
POINT SOURCES	259	1113	683	40	93
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1348	5255	11426	2360	2404
POINT SOURCES	19665	263403	63522	1262	4018
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	77	431	1109	85	245
NATURAL GAS	1	0	43	4	12
TOTAL (ELEC GEN)	78	431	1152	89	257
INDUSTRIAL FUEL					
DISTILLATE OIL	15	14	139	4	35
NATURAL GAS	0	0	81	13	12
TOTAL (INDUSTRIAL)	15	14	220	17	47
ENGINE-TESTING					
TOTAL (ENG TESTNG)	51	56	63	201	143
TOTAL (INTERNAL COMB)	144	501	1435	307	447
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1348	5255	11426	2360	2404
POINT SOURCES	19809	263904	64957	1569	4465
INDUSTRIAL PROCESS (POINT)					
************************					
CHEMICAL MANUFACTURING	773	2373	815	730	0
FOOD/AGRICULTURAL	404	0	1	0	0
PRIMARY METAL	1207	3639	15	13	1893
SECONDARY METALS	1069	0	7	12	6386
MINERAL PRODUCTS	1261	0	0	33	187
PETROLEUM INDUSTRY	296	1301	1110	1915	130
WOOD PRODUCTS	41	0	0	0	0
ORGANIC SOLVENT EVAPORATION	1	0	0	15491	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	2804	0
METAL FABRICATION	3	0	0	0	0
OTHER/NOT CLASSIFIED	2	0	0	0	0
TOTAL (INDUSTRIAL)	5057	7313	1948	20998	8596
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	833	136	163	109	1910
OTHER INCINERATION	64	30	154	30	0
TOTAL (GOVERNMENT)	897	166	317	139	1910
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1082	17	33	3042	9125
OPEN BURNING	1522	57	389	2051	6509

```
*** F17 ***                                                                                        *** F17 ***
                AREA SOURCES                3          89          69           1          17
          NATURAL GAS
                AREA SOURCES               35           1         416          28          68
          TOTAL (COMM-INST)
                AREA SOURCES               75         255         573          29          88
                POINT SOURCES             268         561          70           3           9

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              807        2977        7109        1703        2140
                POINT SOURCES            7427       12841        5990         300         796

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  3          26          35           3           8
            TOTAL (ELEC GEN)                3          26          35           3           8

        TOTAL (INTERNAL COMB)               3          26          35           3           8

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              807        2977        7109        1703        2140
                POINT SOURCES            7430       12867        6025         303         804

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                 99         662          93         771        1855
    FOOD/AGRICULTURAL                    1306           0           0           0           0
    PRIMARY METAL                         289           0           0           0        4240
    SECONDARY METALS                     6018         139          86           0       32779
    MINERAL PRODUCTS                    21176        4326        1102           0           0
    PETROLEUM INDUSTRY                    152         808        1697         568         138
    ORGANIC SOLVENT EVAPORATION             1           0           0        2482           0
    PETROLEUM STORAGE/TRANSPORT             0           0           0          36           0
    METAL FABRICATION                      77           0           0           0           0
    OTHER/NOT CLASSIFIED                    2        6632           0           1           0
    TOTAL (INDUSTRIAL)                  29120       12567        2978        3858       39012

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              481           2          17        1349        4043
        OPEN BURNING                      678          26         173         915        2905
        TOTAL (RESIDENTIAL)              1159          28         190        2264        6948

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              107          34          52          63         147
        OPEN BURNING
                AREA SOURCES                1           0           0           2           4
        TOTAL (COMM-INST)
                AREA SOURCES              108          34          52          65         151

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               53          14          14          41          61
        OPEN BURNING
                AREA SOURCES               24           0           6          34         130
        TOTAL (INDUSTRIAL)
                AREA SOURCES               77          14          20          75         191
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                      *********************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:36 OHIO           AQCR:181 STEUBENVILLE-WEIRTON-WHEELING      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES          SOX            NOX             HC             CO
                              ************     ************   ************   ************   ************
                               TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                9               25              3              3             83
         DISTILLATE OIL                16              183            114              6             33
         NATURAL GAS                   41                3            321             32             81
         WOOD                          47                0              2             10            333
         TOTAL (RESIDENTIAL)          113              211            440             51            530

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            72427           362856          67119           1072           3583
         RESIDUAL OIL                  15              123            190              8             13
         TOTAL (ELEC GEN)           72442           362979          67309           1080           3596

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              114              664            152              4             11
            POINT SOURCES            3461             6551            783             54            117
         RESIDUAL OIL
            POINT SOURCES              80             1093            440             13             23
         DISTILLATE OIL
            AREA SOURCES                1               18             22              1              3
            POINT SOURCES               2               32             10              2              2
         NATURAL GAS
            AREA SOURCES               29                1           1814            572            230
            POINT SOURCES              24               17            135             26             30
         PROCESS GAS
            POINT SOURCES              90              703              0              0              0
         WOOD
            POINT SOURCES               1                0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              144              683           1988            577            244
            POINT SOURCES            3658             8396           1369             95            172

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               12               30             13              0              0
         RESIDUAL OIL
            AREA SOURCES                8               46             25              0              3
         DISTILLATE OIL
            AREA SOURCES                3               33             25              0              5
         NATURAL GAS
```

```
*** G01 ***                                                                                               *** G01 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

                                                                                 RUN DATE:   TUESDAY   JANUARY 26, 1982
STATE EMISSIONS REPORT                                                 AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
****************************                                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 28:NEBRASKA

                              PARTICULATES          SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL           17               36                0               20               77
            DISTILLATE OIL            15              258              164                4               39
            NATURAL GAS              303                9             2432              249              604
            WOOD                     328                1               10               69             2340
            TOTAL (RESIDENTIAL)      663              304             2606              342             3060

        ELEC GENERATION (POINT)

            BITUMINOUS COAL        13693            29434            43905              531             1764
            RESIDUAL OIL              83             1020              838                9               40
            DISTILLATE OIL             9              570              136                3               21
            NATURAL GAS               61                3             4335                6              115
            TOTAL (ELEC GEN)       13846            31027            49214              549             1940

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        3378             7542             3979              101              255
                POINT SOURCES       1605              216             1075               72              143
            RESIDUAL OIL
                AREA SOURCES           0                0                0                4                0
                POINT SOURCES         92             1229              339                5               28
            DISTILLATE OIL
                AREA SOURCES           0                2                4                0                0
                POINT SOURCES         15              927              197                8               44
            NATURAL GAS
                AREA SOURCES         178                5            10171             1853             1274
                POINT SOURCES        104                6             4089               23              185
            WOOD
                POINT SOURCES         23                3               23                5                5
            LIQUID PETROL GAS
                POINT SOURCES          0                0                4                0                0
            OTHER
                POINT SOURCES          1                8                6                0                1
            TOTAL (INDUSTRIAL)
                AREA SOURCES        3556             7549            14154             1958             1529
                POINT SOURCES       1840             2389             5733              113              406

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         227              255               94                1               14
                POINT SOURCES         66                4                8                1                1
```

```
*** G02 ***                                                                                   *** G02 ***
      GASOLINE

         LIGHT DUTY VEHICLES            4587         164        4013        6436       57696
         LIGHT DUTY TRUCKS               882          47        1076        1552       12274
         HEAVY DUTY VEHICLES             237          21         703         893       12240
         OFF HIGHWAY                      27          15         266         954       10227
         TOTAL (GASOLINE)               5733         247        6058        9835       92437

      DIESEL

         HEAVY DUTY VEHICLES             478         207        2040         283         797
         OFF HIGHWAY                      92          77         936         137         278
         RAIL                            186         424        2752         699         966
         TOTAL (DIESEL)                  756         708        5728        1119        2041

    AIRCRAFT

      MILITARY                           103          10          62         183         329
      CIVIL                                1           0           1          19         884
      COMMERCIAL                           6          13         118         132         294
      TOTAL (AIRCRAFT)                   110          23         181         334        1507

    VESSELS

      GASOLINE                             0           0           0           3          11
      TOTAL (VESSELS)                      0           0           0           3          11

    TOTAL (TRANSPORTATION)              6599         978       11967       11291       95996

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      50           0          12          72         418
    STRUCTURAL FIRES                      60           0           7          46         247
    GASOLINE STA EVAP LOSS                 0           0           0         999           0
    SOLVENT EVAPORATION LOSS               0           0           0        4766           0
    UNPAVED ROADS                     100847           0           0           0           0
    TOTAL (MISCELLANEOUS)             100957           0          19        5883         665

GRAND TOTAL
***********

    AREA SOURCES                      108706        1971       14673       18755      100512

    POINT SOURCES                       3966        8364       17227       12328        1209

    TOTAL                             112672       10335       31900       31083      101721
```

```
*** G03 ***                                                                                          *** G03 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                                RUN DATE:  TUESDAY     JANUARY 26, 1982
***************************                                  AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:29 NEVADA        AQCR:147 NEVADA                      POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES          SOX             NOX             HC              CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               10                6               1              10              42
            DISTILLATE OIL                 2               56              24               0               5
            NATURAL GAS                    9                0              77               7              18
            WOOD                         148                2               6              30            1062
            TOTAL (RESIDENTIAL)          169               64             108              47            1127

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              280             6430           11480               0               0
            DISTILLATE OIL                 1                1               9               0               1
            TOTAL (ELEC GEN)             281             6431           11489               0               1

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               9               46              29               0               1
                POINT SOURCES            196             1116             629              42              84
            DISTILLATE OIL
                AREA SOURCES               1               23              19               0               1
            NATURAL GAS
                AREA SOURCES               5                0              87               1               7
                POINT SOURCES              1                0              25               0               2
            TOTAL (INDUSTRIAL)
                AREA SOURCES              15               69             135               1               9
                POINT SOURCES            197             1116             654              42              86

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                POINT SOURCES              1                6               9               0               1
            DISTILLATE OIL
                POINT SOURCES             38              500             414              19              94
            NATURAL GAS
                AREA SOURCES               6                0              75               5              12
                POINT SOURCES              1                0               6               0               1
            TOTAL (COMM-INST)
                AREA SOURCES               6                0              75               5              12
                POINT SOURCES             40              506             429              19              96

        TOTAL (EXTERNAL COMB)
                AREA SOURCES             190              133             318              53            1148
                POINT SOURCES            518             8053           12572              61             183
```

*** G04 ***

*** G04 ***

POINT SOURCES	38	22	6	38	173
RESIDUAL OIL					
AREA SOURCES	2041	9491	7166	120	597
POINT SOURCES	21	106	201	5	13
DISTILLATE OIL					
AREA SOURCES	220	3181	2429	111	553
POINT SOURCES	20	233	171	11	40
NATURAL GAS					
AREA SOURCES	183	10	2192	147	366
TOTAL (COMM-INST)					
AREA SOURCES	2576	12999	11927	378	1526
POINT SOURCES	79	361	378	54	226
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4507	25160	25185	1507	7705
POINT SOURCES	4644	69131	72876	949	4397
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	113	618	1863	153	423
NATURAL GAS	9	0	257	26	71
TOTAL (ELEC GEN)	122	618	2120	179	494
ENGINE-TESTING					
TOTAL (ENG TESTNG)	0	1	0	0	0
TOTAL (INTERNAL COMB)	122	619	2120	179	494
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4507	25160	25185	1507	7705
POINT SOURCES	4766	69750	74996	1128	4891
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	3567	17811	223	4661	29154
FOOD/AGRICULTURAL	545	22	72	17	2
PRIMARY METAL	20	0	1	0	0
SECONDARY METALS	3545	1953	149	37	3940
MINERAL PRODUCTS	9223	1428	1352	349	984
PETROLEUM INDUSTRY	3274	10664	6483	33096	22062
WOOD PRODUCTS	41	1	1	0	0
ORGANIC SOLVENT EVAPORATION	78	5	6	22185	0
PETROLEUM STORAGE/TRANSPORT	2	0	0	87331	0
METAL FABRICATION	34	0	1	39	0
TEXTILE MANUFACTURING	89	2	20	351	2
OTHER/NOT CLASSIFIED	88	18	18	68	1
TOTAL (INDUSTRIAL)	20506	31904	8326	148134	56145
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	10	2	1	10	13
OPEN BURNING	4	0	2	7	15
TOTAL (GOVERNMENT)	14	2	3	17	28
RESIDENTIAL (AREA)					
ON SITE INCINERATION	756	11	23	2126	6379
OPEN BURNING	1139	43	292	1535	4873

```
*** G06 ***                                                                                        *** G06 ***
        DIESEL

            HEAVY DUTY VEHICLES          395          213          2102          232          657
            OFF HIGHWAY                  118          100          1199          176          355
            RAIL                          37           83           540          137          190
            TOTAL (DIESEL)               550          396          3841          545         1202

    AIRCRAFT

        CIVIL                              0            0             1           21          945
        TOTAL (AIRCRAFT)                   0            0             1           21          945

    VESSELS

        GASOLINE                           0            1             7          240          753
        TOTAL (VESSELS)                    0            1             7          240          753

    TOTAL (TRANSPORTATION)              6856          809         13894        12667       101222

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      37            0             9           52          305
    STRUCTURAL FIRES                      63            0             8           48          257
    GASOLINE STA EVAP LOSS                 0            0             0         1171            0
    SOLVENT EVAPORATION LOSS               0            0             0        10158            0
    UNPAVED ROADS                       1683            0             0            0            0
    UNPAVED AIRSTRIPS                      4            0             0            0            0
    TOTAL (MISCELLANEOUS)               1787            0            17        11429          562

GRAND TOTAL
***********

    AREA SOURCES                        9842         2152         15296        25237       106703

    POINT SOURCES                       1314         2245          3253          888         7521

    TOTAL                              11156         4397         18549        26125       114224
```

```
*** G07 ***                                                                                               *** G07 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:  TUESDAY   JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:32 NEW MEXICO     AQCR:152 ALBUQUERQUE-MID RIO GRANDE              POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                              PARTICULATES        SOX             NOX             HC              CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              0              1               0               0               2
            DISTILLATE OIL               0              2               1               0               0
            NATURAL GAS                 56              3             450              45             112
            WOOD                       104              2               4              21             747
            TOTAL (RESIDENTIAL)        160              8             455              66             861

        ELEC GENERATION (POINT)

            RESIDUAL OIL                21            253              64               2              10
            DISTILLATE OIL               2             82              38               1               6
            NATURAL GAS                 44              3            6877               4              76
            TOTAL (ELEC GEN)            67            338            6979               7              92

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           222            641             338              10              22
            DISTILLATE OIL
                AREA SOURCES             0              7               6               0               1
                POINT SOURCES            0              5               3               0               1
            NATURAL GAS
                AREA SOURCES             1              0              17               0               2
                POINT SOURCES            4              0              53               4               9
            TOTAL (INDUSTRIAL)
                AREA SOURCES           223            648             361              10              25
                POINT SOURCES            4              5              56               4              10

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                AREA SOURCES             2             47              23               1               5
                POINT SOURCES            0              5               3               0               1
            NATURAL GAS
                AREA SOURCES            59              3             704              47             117
                POINT SOURCES            0              0              56               0               0
            TOTAL (COMM-INST)
                AREA SOURCES            61             50             727              48             122
                POINT SOURCES            0              5              59               0               1

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           444            706            1543             124            1008
                POINT SOURCES           71            348            7094              11             103
```

AREA SOURCES	332	4788	3657	167	832
POINT SOURCES	147	5081	1599	73	364
NATURAL GAS					
AREA SOURCES	347	21	4155	278	693
POINT SOURCES	23	1	431	7	39
TOTAL (COMM-INST)					
AREA SOURCES	5052	36261	22629	689	2759
POINT SOURCES	2977	22430	11984	259	1243
TOTAL (EXTERNAL COMB)					
AREA SOURCES	10190	74386	55163	3366	14987
POINT SOURCES	4927	116862	124601	1172	6195
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	37	55	503	42	115
NATURAL GAS	18	1	539	55	150
TOTAL (ELEC GEN)	55	56	1042	97	265
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	18	17	253	20	55
TOTAL (INTERNAL COMB)	73	73	1295	117	320
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	10190	74386	55163	3366	14987
POINT SOURCES	5000	116935	125896	1289	6515
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	0	0	0	36	106
SECONDARY METALS	141	0	0	0	0
MINERAL PRODUCTS	102	0	0	0	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	36	0
OTHER/NOT CLASSIFIED	2324	79	1172	20953	0
TOTAL (INDUSTRIAL)	2567	79	1172	21025	106
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	22407	4126	4288	2808	57385
TOTAL (GOVERNMENT)	22407	4126	4288	2808	57385
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1685	27	53	4742	14221
OPEN BURNING	7723	287	1975	10416	33048
TOTAL (RESIDENTIAL)	9408	314	2028	15158	47269
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	1617	511	765	937	2213
POINT SOURCES	715	226	270	350	977
OPEN BURNING					
AREA SOURCES	26	0	9	52	141
TOTAL (COMM-INST)					
AREA SOURCES	1643	511	774	989	2354
POINT SOURCES	715	226	270	350	977

GASOLINE					
LIGHT DUTY VEHICLES	8904	436	10487	13113	110877
LIGHT DUTY TRUCKS	2087	145	3308	3892	28734
HEAVY DUTY VEHICLES	357	36	1265	1383	18975
OFF HIGHWAY	54	30	544	1959	21016
TOTAL (GASOLINE)	11402	647	15604	20347	179602
DIESEL					
HEAVY DUTY VEHICLES	594	288	2856	351	988
OFF HIGHWAY	348	291	3521	518	1043
RAIL	34	76	495	125	174
TOTAL (DIESEL)	976	655	6872	994	2205
AIRCRAFT					
MILITARY	7	0	4	11	20
CIVIL	0	0	1	30	1364
COMMERCIAL	5	12	110	123	275
TOTAL (AIRCRAFT)	12	12	115	164	1659
VESSELS					
GASOLINE	0	3	14	579	1821
TOTAL (VESSELS)	0	3	14	579	1821
TOTAL (TRANSPORTATION)	12390	1317	22605	22084	185287
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	261	2	61	368	2145
STRUCTURAL FIRES	166	0	20	124	677
GASOLINE STA EVAP LOSS	0	0	0	2224	0
SOLVENT EVAPORATION LOSS	0	0	0	15303	0
UNPAVED ROADS	11507	0	0	0	0
UNPAVED AIRSTRIPS	20	0	0	0	0
TOTAL (MISCELLANEOUS)	11954	2	81	18019	2822
GRAND TOTAL					
***********					
AREA SOURCES	27119	3929	26204	41550	203707
POINT SOURCES	6438	107827	25469	3845	2268
TOTAL	33557	111756	51673	45395	205975

```
*** G13 ***                                                                                   *** G13 ***
      GASOLINE

         LIGHT DUTY VEHICLES              10532          536        12845        16699       135536
         LIGHT DUTY TRUCKS                 2053          153         3413         3969        28116
         HEAVY DUTY VEHICLES                668           71         2369         2602        35374
         OFF HIGHWAY                         59           30          572         2057        22065
         TOTAL (GASOLINE)                 13312          790        19199        25327       221091

      DIESEL

         HEAVY DUTY VEHICLES                822          417         3913          452         1324
         OFF HIGHWAY                        436          367         4418          649         1308
         RAIL                               162          366         2375          606          834
         TOTAL (DIESEL)                    1420         1150        10706         1707         3466

   AIRCRAFT

      MILITARY                             1220          115          734         2171         3909
      CIVIL                                   1            0            1           31         1443
      COMMERCIAL                              3            7           66           74          165
      TOTAL (AIRCRAFT)                     1224          122          801         2276         5517

   VESSELS

      GASOLINE                                0            0            2          109          341
      TOTAL (VESSELS)                         0            0            2          109          341

   TOTAL (TRANSPORTATION)                 15956         2062        30708        29419       230415

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                         933            8          218         1317         7682
   FOREST MANAGED BURNING                  1272           10          254         1145         7123
   AGRICULTURAL BURNING                     680            0           94          805         4474
   STRUCTURAL FIRES                         168            0           21          126          678
   GASOLINE STA EVAP LOSS                     0            0            0         2653            0
   SOLVENT EVAPORATION LOSS                   0            0            0        20043            0
   UNPAVED ROADS                          33756            0            0            0            0
   UNPAVED AIRSTRIPS                          7            0            0            0            0
   TOTAL (MISCELLANEOUS)                  36816           18          587        26089        19957

GRAND TOTAL
***********

   AREA SOURCES                           56630         3994        34244        59007       267622

   POINT SOURCES                           2475        12268         4076         4259          395

   TOTAL                                  59105        16262        38320        63266       268017
```

```
*** G14 ***                                                                                                  *** G14 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY     JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:35 NORTH DAKOTA    AQCR:130 METROPOLITAN FARGO-MOORHEAD    POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX             NOX              HC               CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              11            127              80               4              22
            NATURAL GAS                 10              1              77               8              19
            WOOD                         9              0               0               2              63
            TOTAL (RESIDENTIAL)         30            128             157              14             104

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           906           1913            1007              30              65
            DISTILLATE OIL
                AREA SOURCES             5             51              62               3               9
            NATURAL GAS
                AREA SOURCES             1              0             300             120              41
                POINT SOURCES            7              0             123               2              12
            TOTAL (INDUSTRIAL)
                AREA SOURCES           912           1964            1369             153             115
                POINT SOURCES            7              0             123               2              12

        COMM-INSTITUTIONAL FUEL

            LIGNITE
                POINT SOURCES         1088            373              93              16              31
            RESIDUAL OIL
                AREA SOURCES            29            410             103               2               9
            DISTILLATE OIL
                AREA SOURCES             6             80              61               3              14
            NATURAL GAS
                AREA SOURCES             8              1             101               7              17
            TOTAL (COMM-INST)
                AREA SOURCES            43            491             265              12              40
                POINT SOURCES         1088            373              93              16              31

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           985           2583            1791             179             259
                POINT SOURCES         1095            373             216              18              43

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           985           2583            1791             179             259
                POINT SOURCES         1095            373             216              18              43

INDUSTRIAL PROCESS (POINT)
**************************
```

```
*** G15 ***                                                                                              *** G15 ***
    TOTAL (RESIDENTIAL)                    2604           74            422           5093          15634

  COMMERCIAL-INSTITUTIONAL

    ON SITE INCINERATION
            AREA SOURCES                    254           81            121            146            347
    OPEN BURNING
            AREA SOURCES                      8            0              2             15             38
    TOTAL (COMM-INST)
            AREA SOURCES                    262           81            123            161            385

  INDUSTRIAL

    ON SITE INCINERATION
            AREA SOURCES                    190           38             38            174            256
            POINT SOURCES                    70            7             17             67            201
    OPEN BURNING
            AREA SOURCES                    101            4             35            177            623
    TOTAL (INDUSTRIAL)
            AREA SOURCES                    291           42             73            351            879
            POINT SOURCES                    70            7             17             67            201

  TOTAL (SOLID WASTE DISP)
            AREA SOURCES                   3157          197            618           5605          16898
            POINT SOURCES                   967          173            334            206           2111

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

    GASOLINE

      LIGHT DUTY VEHICLES                 29304          969          23024          36606         340761
      LIGHT DUTY TRUCKS                    3607          175           3823           5274          43025
      HEAVY DUTY VEHICLES                  1358          101           3216           4738          65253
      OFF HIGHWAY                            69           36            679           2441          26190
      TOTAL (GASOLINE)                    34338         1281          30742          49059         475229

    DIESEL

      HEAVY DUTY VEHICLES                  4239         1666          16374           2505           7103
      OFF HIGHWAY                           189          158           1909            281            565
      RAIL                                  118          268           1743            442            613
      TOTAL (DIESEL)                       4546         2092          20026           3228           8281

  AIRCRAFT

    MILITARY                                  5            0              3              8             15
    CIVIL                                     1            0              2             37           1743
    COMMERCIAL                                0            1              8              9             19
    TOTAL (AIRCRAFT)                          6            1             13             54           1777

  VESSELS

    DIESEL FUEL                              17           21            157             41             55
    GASOLINE                                  0            0              2            104            328
    TOTAL (VESSELS)                          17           21            159            145            383

  TOTAL (TRANSPORTATION)                  38907         3395          50940          52486         485670

MISCELLANEOUS (AREA)
********************

  STRUCTURAL FIRES                          380            1             45            284           1549
  GASOLINE STA EVAP LOSS                      0            0              0           6236              0
```

```
                                      NATIONAL EMISSIONS DATA SYSTEM
                                     ********************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                     *********************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:36 OHIO          AQCR:174 GREATER METROPOLITAN CLEVELAND

                              PARTICULATES        SOX             NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              9              23               2               1              79
         DISTILLATE OIL              79             923             576              32             161
         NATURAL GAS                694              42            5540             555            1384
         WOOD                       150               2               7              30            1080
         TOTAL (RESIDENTIAL)        932             990            6125             618            2704

      ELEC GENERATION (POINT)

         BITUMINOUS COAL          45468          368714           55368             895            3064
         RESIDUAL OIL               456            7279            3818              38             178
         DISTILLATE OIL               3             217             211               3              17
         NATURAL GAS                  4               3             115               4               9
         TOTAL (ELEC GEN)         45931          376213           59512             940            3268

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           1461            8508            1947              58             126
            POINT SOURCES         19308          105756           22011             281             825
         RESIDUAL OIL
            POINT SOURCES           572            6604            1747              47             135
         DISTILLATE OIL
            AREA SOURCES             30             294             359              20              52
            POINT SOURCES            86            3951             901              34             157
         NATURAL GAS
            AREA SOURCES            291              16           18654            5870            2363
            POINT SOURCES           140              33            1730             101             125
         PROCESS GAS
            POINT SOURCES           929            3776               0               0               0
         WOOD
            POINT SOURCES             1               1               4               1               1
         OTHER
            POINT SOURCES             7               6               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES           1782            8818           20960            5948            2541
            POINT SOURCES         21043          120127           26393             464            1243

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES             50             124              54               0               4
         BITUMINOUS COAL
```

```
*** G17 ***
    TOTAL (SOLID WASTE DISP)
              AREA SOURCES          1344          76          262          2404           7290

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES    11517         572        13963         18099         150828
            LIGHT DUTY TRUCKS       2419         169         3839          4407          32423
            HEAVY DUTY VEHICLES      778          81         2812          3064          41521
            OFF HIGHWAY              110          57         1085          3910          41912
            TOTAL (GASOLINE)       14824         879        21699         29480         266684

        DIESEL

            HEAVY DUTY VEHICLES     2240        1100        10793          1308           3696
            OFF HIGHWAY              350         294         3542           522           1050
            RAIL                      57         128          818           208            289
            TOTAL (DIESEL)          2647        1522        15153          2038           5035

    AIRCRAFT

        CIVIL                          0           0            0            37           1767
        TOTAL (AIRCRAFT)               0           0            0            37           1767

    VESSELS

        GASOLINE                       0          12           48          1935           6080
        TOTAL (VESSELS)                0          12           48          1935           6080

    TOTAL (TRANSPORTATION)         17471        2413        36900         33490         279566

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   3           0            1             5             25
    STRUCTURAL FIRES                 171           0           19           127            686
    GASOLINE STA EVAP LOSS             0           0            0          3307              0
    SOLVENT EVAPORATION LOSS           0           0            0         39706              0
    UNPAVED ROADS                  12036           0            0             0              0
    TOTAL (MISCELLANEOUS)          12210           0           20         43145            711

GRAND TOTAL
***********

    AREA SOURCES                   31832        5466        44291         80742         289707

    POINT SOURCES                  36550       25434         9003          4161          39816

    TOTAL                          68382       30900        53294         84903         329523
```

```
                 AREA SOURCES              13          0        160         11         28
         TOTAL (COMM-INST)
                 AREA SOURCES              36        109        223         11         36

      TOTAL (EXTERNAL COMB)
                 AREA SOURCES             293       1003       2651        639        810
                 POINT SOURCES          76100     371375      68678       1175       3768

   TOTAL (FUEL COMBUSTION)

                 AREA SOURCES             293       1003       2651        639        810
                 POINT SOURCES          76100     371375      68678       1175       3768

INDUSTRIAL PROCESS (POINT)
**************************

   PRIMARY METAL                         8227       4905          7          0      69722
   SECONDARY METALS                       782          0          4          0       6904
   MINERAL PRODUCTS                      1356        303        130         72          3
   ORGANIC SOLVENT EVAPORATION             12          0          0         14          0
   TOTAL (INDUSTRIAL)                   10377       5208        141         86      76629

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                245          3          7        689       2067
      OPEN BURNING                        346         13         89        467       1481
      TOTAL (RESIDENTIAL)                 591         16         96       1156       3548

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                 AREA SOURCES              57         19         28         34         80
      OPEN BURNING
                 AREA SOURCES               3          0          0          6         12
      TOTAL (COMM-INST)
                 AREA SOURCES              60         19         28         40         92

   INDUSTRIAL

      ON SITE INCINERATION
                 AREA SOURCES              28          5          5         25         37
      OPEN BURNING
                 AREA SOURCES              15          0          5         26         90
      TOTAL (INDUSTRIAL)
                 AREA SOURCES              43          5         10         51        127

   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             694         40        134       1247       3767

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             5539        245       5941       7815      67733
         LIGHT DUTY TRUCKS               1184         74       1621       1930      14794
         HEAVY DUTY VEHICLES              273         26        896       1038      14169
         OFF HIGHWAY                       24         13        231        832       8927
         TOTAL (GASOLINE)                7020        358       8689      11615     105623

      DIESEL
```

```
*** H01 ***                                                                                                       *** H01
         RESIDUAL OIL
             AREA SOURCES                    1                 23                  3                  3                  0
             POINT SOURCES                  34                462                135                  2                 11
         DISTILLATE OIL
             AREA SOURCES                    4                184                141                 15                 21
             POINT SOURCES                   7                339                 79                  3                 17
         NATURAL GAS
             AREA SOURCES                  166                  6               2040                130                345
             POINT SOURCES                  45                  2                989                 15                 82
         TOTAL (COMM-INST)
             AREA SOURCES                  398                468               2278                149                380
             POINT SOURCES                 152                807               1211                 21                111

      TOTAL (EXTERNAL COMB)
             AREA SOURCES                 4617               8321              19038               2449               4969
             POINT SOURCES               15838              34223              56158                683               2457

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    82                214               1143                 92                251
          NATURAL GAS                       12                  0               4241               1744                536
          TOTAL (ELEC GEN)                  94                214               5384               1836                787

      INDUSTRIAL FUEL

          DISTILLATE OIL                     3                  3                 46                  4                 10
          NATURAL GAS                       15                  0               3682               1472                501
          TOTAL (INDUSTRIAL)                18                  3               3728               1476                511

      TOTAL (INTERNAL COMB)                112                217               9112               3312               1298

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                4617               8321              19038               2449               4969
              POINT SOURCES              15950              34440              65270               3995               3755

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                   19                  1               3515                486                929
   FOOD/AGRICULTURAL                     85203                  0                  1                  1                  9
   SECONDARY METALS                       1273               6672                 40                  0                938
   MINERAL PRODUCTS                       6486               7635               1957                  1                  3
   PETROLEUM INDUSTRY                        4                174                 25                 78               4829
   ORGANIC SOLVENT EVAPORATION               0                  0                  0              61067                  0
   PETROLEUM STORAGE/TRANSPORT               0                  0                  0               2266                  0
   TOTAL (INDUSTRIAL)                    92985              14482               5538              65899               6708

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       OPEN BURNING                        116                  7                 44                218                616
       OTHER INCINERATION                   90                  9                 45                  9                  0
       TOTAL (GOVERNMENT)                  206                 16                 89                227                616

   RESIDENTIAL (AREA)

       ON SITE INCINERATION               1482                 13                 31               4160              12487
       OPEN BURNING                       2706                106                690               3630              11503
       TOTAL (RESIDENTIAL)                4188                119                721               7790              23990

   COMMERCIAL-INSTITUTIONAL
```

*** H03 *** *** H03 **

TOTAL (FUEL COMBUSTION)					
AREA SOURCES	190	133	318	53	1148
POINT SOURCES	518	8053	12572	61	183
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	0	1333	0	0	0
FOOD/AGRICULTURAL	27	0	0	0	0
PRIMARY METAL	5333	282940	0	0	0
MINERAL PRODUCTS	14698	10	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	1182	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	869	0
TOTAL (INDUSTRIAL)	20058	284283	0	2051	0
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	75	13	10	75	101
OPEN BURNING	104	6	39	195	552
TOTAL (GOVERNMENT)	179	19	49	270	653
RESIDENTIAL (AREA)					
ON SITE INCINERATION	384	5	11	1075	3228
OPEN BURNING	356	12	91	481	1523
TOTAL (RESIDENTIAL)	740	17	102	1556	4751
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	740	17	102	1556	4751
POINT SOURCES	179	19	49	270	653
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2097	145	2620	6187	61049
LIGHT DUTY TRUCKS	1452	140	2232	4464	39675
HEAVY DUTY VEHICLES	155	21	448	812	13447
OFF HIGHWAY	8	3	85	309	3312
TOTAL (GASOLINE)	3712	309	5385	11772	117483
DIESEL					
HEAVY DUTY VEHICLES	834	478	4304	881	2164
OFF HIGHWAY	80	67	807	118	237
RAIL	23	54	349	88	121
TOTAL (DIESEL)	937	599	5460	1087	2522
AIRCRAFT					
MILITARY	366	34	220	650	1171
CIVIL	0	0	0	16	721
TOTAL (AIRCRAFT)	366	34	220	666	1892
VESSELS					
GASOLINE	0	3	10	392	1236
TOTAL (VESSELS)	0	3	10	392	1236

```
*** H04 ***                                                                                                   *** H04

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:   TUESDAY    JANUARY 26,
***************************                                     AREA EMISSIONS AS OF:   TUESDAY       JULY 21,
STATE:30 NEW HAMPSHIRE   AQCR:121 MERRIMACK VALLEY-SOUTHERN NEW   POINT EMISSIONS AS OF:  THURSDAY       MAY 28,

                               PARTICULATES        SOX            NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             8             18              0              0             61
            DISTILLATE OIL            224           2588           1617             90            449
            NATURAL GAS                25              1            195             21             49
            WOOD                     1561             32             62            313          11232
            TOTAL (RESIDENTIAL)      1818           2639           1874            424          11791

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           392          53298          29670            162            539
            RESIDUAL OIL              757          81930          14361            497            830
            DISTILLATE OIL             10             37             10              4              4
            TOTAL (ELEC GEN)         1159         135265          44041            663           1373

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES            8             20              8              0              0
                POINT SOURCES           0              1              0              0              1
            BITUMINOUS COAL
                POINT SOURCES          49             24             11              2              5
            RESIDUAL OIL
                POINT SOURCES         536           7133           1347             23            115
            DISTILLATE OIL
                AREA SOURCES            2             28             35              1              5
                POINT SOURCES           2            135             27              1              7
            NATURAL GAS
                AREA SOURCES           10              0            166              1             17
                POINT SOURCES           1              0            103              0              2
            PROCESS GAS
                POINT SOURCES           0              4              0              0              0
            COKE
                AREA SOURCES            7             19              3              0              1
            WOOD
                POINT SOURCES          87              3             31              6              6
            LIQUID PETROL GAS
                POINT SOURCES           0              0              1              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           27             67            212              2             23
                POINT SOURCES         675           7300           1520             32            136

        COMM-INSTITUTIONAL FUEL
```

```
*** H05 ***                                                                                        *** H05 *
     TOTAL (RESIDENTIAL)                  1895          54          315          3661       11252

   COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
              AREA SOURCES                3336        1054         1579          1931        4563
              POINT SOURCES                 52           5            5            27          36
     TOTAL (COMM-INST)
              AREA SOURCES                3336        1054         1579          1931        4563
              POINT SOURCES                 52           5            5            27          36

   INDUSTRIAL

     ON SITE INCINERATION
              AREA SOURCES                 230          47           47           207         309
              POINT SOURCES                385          92          219           170         536
     OPEN BURNING
              POINT SOURCES                 10           1            4            19          54
     TOTAL (INDUSTRIAL)
              AREA SOURCES                 230          47           47           207         309
              POINT SOURCES                395          93          223           189         590

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                5461        1155         1941          5799       16124
              POINT SOURCES                461         100          231           233         654

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

          LIGHT DUTY VEHICLES           117794        3548        84439        141782     1346883
          LIGHT DUTY TRUCKS               9171         383         8536         13564      113932
          HEAVY DUTY VEHICLES             4456         308         9761         15830      217912
          OFF HIGHWAY                      196         104         1947          7010       75176
          TOTAL (GASOLINE)              131617        4343       104683        178186     1753903

     DIESEL

          HEAVY DUTY VEHICLES            10940        4178        41594          6666       18885
          OFF HIGHWAY                     1105         924        11159          1640        3302
          RAIL                             615        1404         9116          2316        3204
          TOTAL (DIESEL)                 12660        6506        61869         10622       25391

   AIRCRAFT

     MILITARY                               21           2           13            36          66
     CIVIL                                   6           3           11           139        6380
     COMMERCIAL                             52         113         1058          1185        2641
     TOTAL (AIRCRAFT)                       79         118         1082          1360        9087

   VESSELS

     DIESEL FUEL                           235         294         2195           575         767
     RESIDUAL OIL                          665        8757         1439           100          48
     GASOLINE                                0           9           39          1587        4985
     TOTAL (VESSELS)                       900        9060         3673          2262        5800

   TOTAL (TRANSPORTATION)               145256       20027       171307        192430     1794181

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                        125           0           30           177        1032
```

```
*** H07 ***                                                                                          *** H07 ***
    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                     6            0           154           17            9
            TOTAL (INDUSTRIAL)              6            0           154           17            9

        TOTAL (INTERNAL COMB)               6            0           154           17            9

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              444          706          1543          124         1008
                POINT SOURCES              77          348          7248           28          112

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                    17336        18957          4950            0            0
    PETROLEUM STORAGE/TRANSPORT             0            0             0          244            0
    METAL FABRICATION                      20            0             0            4            0
    OTHER/NOT CLASSIFIED                    0            0             0            0            4
    TOTAL (INDUSTRIAL)                  17356        18957          4950          248            4

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION              2            0             0            2            3
        TOTAL (GOVERNMENT)                  2            0             0            2            3

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              107            2             3          300          900
        OPEN BURNING                      483           18           123          651         2065
        TOTAL (RESIDENTIAL)               590           20           126          951         2965

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               23            7            11           13           31
        OPEN BURNING
                AREA SOURCES               14            1             5           26           72
        TOTAL (COMM-INST)
                AREA SOURCES               37            8            16           39          103

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               21            4             4           19           29
                POINT SOURCES              84           36            12          132         1560
        OPEN BURNING
                AREA SOURCES                7            0             2           11           40
        TOTAL (INDUSTRIAL)
                AREA SOURCES               28            4             6           30           69
                POINT SOURCES              84           36            12          132         1560

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              655           32           148         1020         3137
                POINT SOURCES              86           36            12          134         1563

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
*** H08 ***                                                                                              *** H08 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                 RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                    AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:32 NEW MEXICO     AQCR:156 SOUTHWESTERN MOUNTAINS-AUGUSTI  POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                                 PARTICULATES        SOX            NOX            HC             CO
                                 ************   ************   ************   ************   ************
                                  TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                2              3              0              2              8
         DISTILLATE OIL                 0              1              0              0              0
         NATURAL GAS                   14              0            109             11             28
         WOOD                         144              3              6             29           1035
         TOTAL (RESIDENTIAL)          160              7            115             42           1071

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               32             93             49              2              3
         DISTILLATE OIL
            POINT SOURCES               0             26              4              0              1
         NATURAL GAS
            AREA SOURCES                0              0              2              0              0
            POINT SOURCES               2              0             49              0              3
         TOTAL (INDUSTRIAL)
            AREA SOURCES               32             93             51              2              3
            POINT SOURCES               2             26             53              0              4

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES                0              8              3              0              1
            POINT SOURCES               1             11              8              0              2
         NATURAL GAS
            AREA SOURCES                9              0            101              7             16
         TOTAL (COMM-INST)
            AREA SOURCES                9              8            106              7             17
            POINT SOURCES               1             11              8              0              2

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              201            108            270             51           1091
            POINT SOURCES               3             37             61              0              6

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         DISTILLATE OIL                 4              4             59              5             13
         NATURAL GAS                   33              0           5846           2097            108
         TOTAL (INDUSTRIAL)            37              4           5905           2102            121

      TOTAL (INTERNAL COMB)            37              4           5905           2102            121
```

INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	503	101	101	456	676
POINT SOURCES	602	1143	915	6849	9136
OPEN BURNING					
AREA SOURCES	297	12	99	516	1808
TOTAL (INDUSTRIAL)					
AREA SOURCES	800	113	200	972	2484
POINT SOURCES	602	1143	915	6849	9136
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	11851	938	3002	17119	52107
POINT SOURCES	23724	5495	5473	10007	67498
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	148246	4741	116073	189577	1774766
LIGHT DUTY TRUCKS	9854	441	9807	14935	123816
HEAVY DUTY VEHICLES	5646	406	12992	20362	279717
OFF HIGHWAY	291	152	2876	10356	111060
TOTAL (GASOLINE)	164037	5740	141748	235230	2289359
DIESEL					
HEAVY DUTY VEHICLES	5489	2163	21795	3409	9595
OFF HIGHWAY	757	635	7662	1127	2268
RAIL	618	1409	9142	2323	3213
TOTAL (DIESEL)	6864	4207	38599	6859	15076
AIRCRAFT					
MILITARY	70	6	42	123	222
CIVIL	5	3	8	131	6027
COMMERCIAL	153	335	3128	3500	7803
TOTAL (AIRCRAFT)	228	344	3178	3754	14052
VESSELS					
DIESEL FUEL	815	1016	7588	1992	2655
RESIDUAL OIL	1099	14468	2377	165	80
GASOLINE	0	35	122	4898	15393
TOTAL (VESSELS)	1914	15519	10087	7055	18128
TOTAL (TRANSPORTATION)	173043	25810	193612	252898	2336615
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	189	2	45	268	1560
STRUCTURAL FIRES	3184	9	378	2381	12951
GASOLINE STA EVAP LOSS	0	0	0	28876	0
SOLVENT EVAPORATION LOSS	0	0	0	331544	0
UNPAVED ROADS	22344	0	0	0	0
UNPAVED AIRSTRIPS	33	0	0	0	0
TOTAL (MISCELLANEOUS)	25750	11	423	363069	14511
GRAND TOTAL					
***********					
AREA SOURCES	220834	101145	252200	636452	2418220

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY     JANUARY 26, 1982
***************************                            AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:33 NEW YORK        AQCR:161 HUDSON VALLEY       POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                             PARTICULATES         SOX              NOX              HC               CO
                             ************     ************     ************     ************     ************
                              TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL             41              106               11               11              361
         DISTILLATE OIL             247             2839             1775               98              493
         NATURAL GAS                147                9             1184              120              295
         WOOD                      1822               37               74              367            13095
         TOTAL (RESIDENTIAL)       2257             2991             3044              596            14244

      ELEC GENERATION (POINT)

         RESIDUAL OIL              2388            91966            33701              321             1604
         NATURAL GAS                  3                1              947                1               23
         TOTAL (ELEC GEN)          2391            91967            34648              322             1627

      INDUSTRIAL FUEL

         RESIDUAL OIL
            AREA SOURCES            278             2049              967               13               79
            POINT SOURCES          1501            21392             3984               79              332
         DISTILLATE OIL
            AREA SOURCES             78              745              908               49              130
            POINT SOURCES            11              944               99               10               20
         NATURAL GAS
            AREA SOURCES             27                1              928              200              108
            POINT SOURCES             4                0               74                1                8
         WOOD
            POINT SOURCES            42                7               42                8                8
         TOTAL (INDUSTRIAL)
            AREA SOURCES            383             2795             2803              262              317
            POINT SOURCES          1558            22343             4199               98              368

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES             31               67               31                0                1
            POINT SOURCES             5                4                2                0                0
         BITUMINOUS COAL
            POINT SOURCES          1183             1000              329               22               44
         RESIDUAL OIL
            AREA SOURCES            408             3051             1440               25              120
            POINT SOURCES           718            12780             2516               42              211
         DISTILLATE OIL
            AREA SOURCES             33              472              362               15               83
            POINT SOURCES            44             5073              458               18              104
```

```
*** H12 ***                                                                                                  *** H12 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:34 NORTH CAROLINA  AQCR:166 EASTERN PIEDMONT                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                   PARTICULATES         SOX             NOX              HC              CO
                                   ************    ************    ************    ************    ************
                                    TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                     112            1265             791              44             218
         NATURAL GAS                         49               2             377              38              94
         WOOD                              1891              35              77             379           13608
         TOTAL (RESIDENTIAL)               2052            1302            1245             461           13920

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                  16411           85465           39619             661            2201
         DISTILLATE OIL                       0              37              47               1               8
         TOTAL (ELEC GEN)                 16411           85502           39666             662            2209

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                    545            1484             869              25              57
            POINT SOURCES                   238            3253            1071              25              71
         RESIDUAL OIL
            POINT SOURCES                   599            9039            1705              27             141
         DISTILLATE OIL
            AREA SOURCES                     14             139             169               9              24
            POINT SOURCES                     1              21              25               1               5
         NATURAL GAS
            AREA SOURCES                     50               1            2031             503             243
            POINT SOURCES                     8               0             150               2              14
         WOOD
            AREA SOURCES                     29               3              40               5               9
            POINT SOURCES                   744             259            1730             347             347
         TOTAL (INDUSTRIAL)
            AREA SOURCES                    638            1627            3109             542             333
            POINT SOURCES                  1590           12572            4681             402             578

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                    54             836             360               6              20
         RESIDUAL OIL
            POINT SOURCES                    80            1074             227               4              19
         DISTILLATE OIL
            AREA SOURCES                     17             229             176               7              40
         NATURAL GAS
            AREA SOURCES                     27               1             313              20              55
            POINT SOURCES                     0               0             171               0               5
         WOOD
```

FOOD/AGRICULTURAL	111	0	0	0	0
SECONDARY METALS	5	0	0	0	151
MINERAL PRODUCTS	101	0	0	0	0
TOTAL (INDUSTRIAL)	217	0	0	0	151
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	85	1	3	240	721
OPEN BURNING	70	3	18	94	299
TOTAL (RESIDENTIAL)	155	4	21	334	1020
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION AREA SOURCES	7	2	3	4	10
TOTAL (COMM-INST) AREA SOURCES	7	2	3	4	10
INDUSTRIAL					
ON SITE INCINERATION AREA SOURCES	3	1	1	2	3
TOTAL (INDUSTRIAL) AREA SOURCES	3	1	1	2	3
TOTAL (SOLID WASTE DISP) AREA SOURCES	165	7	25	340	1033
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	1526	59	1432	2165	19668
LIGHT DUTY TRUCKS	450	24	556	786	6401
HEAVY DUTY VEHICLES	93	8	272	365	4950
OFF HIGHWAY	11	6	113	405	4346
TOTAL (GASOLINE)	2080	97	2373	3721	35365
DIESEL					
HEAVY DUTY VEHICLES	694	305	3188	441	1199
OFF HIGHWAY	88	74	889	131	263
RAIL	53	121	786	200	276
TOTAL (DIESEL)	835	500	4863	772	1738
AIRCRAFT					
MILITARY	40	4	24	72	129
CIVIL	0	0	1	8	366
COMMERCIAL	4	8	73	81	182
TOTAL (AIRCRAFT)	44	12	98	161	677
VESSELS					
GASOLINE	0	0	0	0	2
TOTAL (VESSELS)	0	0	0	0	2
TOTAL (TRANSPORTATION)	2959	609	7334	4654	37782

```
    SOLVENT EVAPORATION LOSS                0            0            0        48004            0
    UNPAVED ROADS                        1831            0            0            0            0
    TOTAL (MISCELLANEOUS)                2211            1           45        54524         1549

GRAND TOTAL
***********

    AREA SOURCES                        45623         8848        63029       114975       506521

    POINT SOURCES                       25833       271390        67239        22773        15172

    TOTAL                               71456       280238       130268       137748       521693
```

POINT SOURCES	4128	7534	942	59	129
RESIDUAL OIL					
AREA SOURCES	120	770	417	6	36
POINT SOURCES	41	582	284	8	18
DISTILLATE OIL					
AREA SOURCES	39	544	415	18	95
POINT SOURCES	4	5	0	0	0
NATURAL GAS					
AREA SOURCES	269	16	3225	216	539
POINT SOURCES	62	20	62	45	46
OTHER					
POINT SOURCES	929	2764	1152	74	151
TOTAL (COMM-INST)					
AREA SOURCES	478	1454	4111	240	674
POINT SOURCES	5164	10905	2440	186	344
TOTAL (EXTERNAL COMB)					
AREA SOURCES	3192	11262	31196	6806	5919
POINT SOURCES	72138	507245	88345	1590	4855
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	85	92	891	72	202
TOTAL (ELEC GEN)	85	92	891	72	202
TOTAL (INTERNAL COMB)	85	92	891	72	202
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	3192	11262	31196	6806	5919
POINT SOURCES	72223	507337	89236	1662	5057
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	526	2390	191	2567	0
FOOD/AGRICULTURAL	42	0	0	5	0
PRIMARY METAL	25479	4522	32	3615	54223
SECONDARY METALS	3268	2668	36	1915	2806
MINERAL PRODUCTS	5732	7	4	52	12
PETROLEUM INDUSTRY	8	0	0	1512	0
WOOD PRODUCTS	45	0	0	0	0
ORGANIC SOLVENT EVAPORATION	58	0	0	41140	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	7153	0
METAL FABRICATION	777	0	0	66755	0
TEXTILE MANUFACTURING	0	0	0	2803	0
OTHER/NOT CLASSIFIED	189	121	0	4769	0
TOTAL (INDUSTRIAL)	36124	9708	263	132286	57041
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	501	119	120	391	1344
OTHER INCINERATION	4450	49	251	49	0
TOTAL (GOVERNMENT)	4951	168	371	440	1344
RESIDENTIAL (AREA)					
ON SITE INCINERATION	2740	44	86	7708	23124
OPEN BURNING	3865	144	988	5212	16532
TOTAL (RESIDENTIAL)	6605	188	1074	12920	39656

*** H17 ***

HEAVY DUTY VEHICLES	888	420	4127	522	1476
OFF HIGHWAY	109	93	1112	164	330
RAIL	27	61	392	100	138
TOTAL (DIESEL)	1024	574	5631	786	1944
AIRCRAFT					
CIVIL	0	0	0	13	581
TOTAL (AIRCRAFT)	0	0	0	13	581
VESSELS					
DIESEL FUEL	27	31	241	63	84
GASOLINE	0	2	7	307	962
TOTAL (VESSELS)	27	33	248	370	1046
TOTAL (TRANSPORTATION)	8071	965	14568	12784	109194
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	65	0	16	91	537
STRUCTURAL FIRES	87	0	11	64	350
GASOLINE STA EVAP LOSS	0	0	0	1347	0
SOLVENT EVAPORATION LOSS	0	0	0	7833	0
UNPAVED ROADS	41665	0	0	0	0
UNPAVED AIRSTRIPS	8	0	0	0	0
TOTAL (MISCELLANEOUS)	41825	0	27	9335	887
GRAND TOTAL ***********					
AREA SOURCES	50883	2008	17380	24005	114658
POINT SOURCES	86477	376583	68819	1261	80397
TOTAL	137360	378591	86199	25266	195055

ON SITE INCINERATION					
POINT SOURCES	5	4	7	6	16
TOTAL (COMM-INST)					
POINT SOURCES	5	4	7	6	16
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	66	18	34	52	86
OPEN BURNING					
POINT SOURCES	0	0	0	0	1
TOTAL (INDUSTRIAL)					
POINT SOURCES	66	18	34	52	87
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	4188	119	721	7790	23990
POINT SOURCES	277	38	130	285	719
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	23270	1099	27227	39792	338291
LIGHT DUTY TRUCKS	6470	506	11278	13796	102513
HEAVY DUTY VEHICLES	1738	193	6803	7230	101918
OFF HIGHWAY	360	186	3560	12819	137417
TOTAL (GASOLINE)	31838	1984	48868	73637	680139
DIESEL					
HEAVY DUTY VEHICLES	5297	2463	24193	3239	8949
OFF HIGHWAY	788	667	7990	1179	2368
RAIL	1247	2832	18360	4663	6450
TOTAL (DIESEL)	7332	5962	50543	9081	17767
AIRCRAFT					
MILITARY	308	29	185	548	985
CIVIL	2	0	2	139	6674
COMMERCIAL	22	49	453	507	1130
TOTAL (AIRCRAFT)	332	78	640	1194	8789
VESSELS					
DIESEL FUEL	0	2	30	13	15
GASOLINE	0	9	49	2163	6794
TOTAL (VESSELS)	0	11	79	2176	6809
TOTAL (TRANSPORTATION)	39502	8035	100130	86088	713504
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	1189	0	271	1675	9771
STRUCTURAL FIRES	426	0	34	318	1730
GASOLINE STA EVAP LOSS	0	0	0	8343	0
SOLVENT EVAPORATION LOSS	0	0	0	33288	0
UNPAVED ROADS	969111	0	0	0	0
UNPAVED AIRSTRIPS	22	0	0	0	0
TOTAL (MISCELLANEOUS)	970748	0	305	43624	11501
GRAND TOTAL					

```
*** I02 ***                                                                                              *** I02 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                            RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                    POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:28 NEBRASKA        AQCR:146 NEBRASKA

                              PARTICULATES         SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               14             31              0             14             65
         DISTILLATE OIL                 8            185            117              0             28
         NATURAL GAS                  166              2           1328            130            327
         WOOD                         308              1             10             64           2196
         TOTAL (RESIDENTIAL)          496            219           1455            208           2616

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             6960           7736          21733            280            927
         RESIDUAL OIL                  72            883            745              8             36
         DISTILLATE OIL                 6            415            100              2             15
         NATURAL GAS                   50              3           3508              5             92
         TOTAL (ELEC GEN)            7088           9037          26086            295           1070

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             1489           3316           1754             48            111
            POINT SOURCES            1605            216           1075             72            143
         RESIDUAL OIL
            POINT SOURCES               3             49             36              0              3
         DISTILLATE OIL
            POINT SOURCES               3            224             45              2             10
         NATURAL GAS
            AREA SOURCES               79              0           4442           1352            554
            POINT SOURCES              43              2           1308              9             76
         WOOD
            POINT SOURCES              20              3             20              4              4
         LIQUID PETROL GAS
            POINT SOURCES               0              0              4              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             1568           3316           6196           1400            665
            POINT SOURCES            1674            494           2488             87            236

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              103            116             38              0              3
            POINT SOURCES              66              4              8              1              1
         RESIDUAL OIL
            AREA SOURCES                0              7              0              0              0
         DISTILLATE OIL
            AREA SOURCES                0            105             81              0              8
```

TOTAL (TRANSPORTATION)	5015	945	11075	13917	123133
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	294	2	68	414	2428
AGRICULTURAL BURNING	32	0	4	37	204
STRUCTURAL FIRES	91	0	10	68	371
GASOLINE STA EVAP LOSS	0	0	0	1068	0
SOLVENT EVAPORATION LOSS	0	0	0	783	0
UNPAVED ROADS	487124	0	0	0	0
UNPAVED AIRSTRIPS	71	0	0	0	0
TOTAL (MISCELLANEOUS)	487612	2	82	2370	3003
GRAND TOTAL ***********					
AREA SOURCES	493557	1097	11577	17896	132035
POINT SOURCES	20755	292355	12621	2382	836
TOTAL	514312	293452	24198	20278	132871

```
             RESIDUAL OIL
                  POINT SOURCES            166          2210          437             8          36
             DISTILLATE OIL
                  AREA SOURCES              20           288          221            10          50
                  POINT SOURCES              0            95           11             0           2
             NATURAL GAS
                  AREA SOURCES               5             0           72             4          13
                  POINT SOURCES              0             0            1             0           0
             TOTAL (COMM-INST)
                  AREA SOURCES              25           288          293            14          63
                  POINT SOURCES            166          2305          449             8          38

         TOTAL (EXTERNAL COMB)
                  AREA SOURCES            1870          2994         2379           440       11877
                  POINT SOURCES           2000        144870        46010           703        1547

     INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL                  3            16           43             4          10
             NATURAL GAS                     0             0            6             1           2
             TOTAL (ELEC GEN)                3            16           49             5          12

         TOTAL (INTERNAL COMB)               3            16           49             5          12

     TOTAL (FUEL COMBUSTION)

                  AREA SOURCES            1870          2994         2379           440       11877
                  POINT SOURCES           2003        144886        46059           708        1559

INDUSTRIAL PROCESS (POINT)
**************************

     FOOD/AGRICULTURAL                      10             0            0             0           0
     MINERAL PRODUCTS                      328            21            1             0           0
     PETROLEUM INDUSTRY                     14           220           48             1           3
     WOOD PRODUCTS                          44             0            0            21           0
     ORGANIC SOLVENT EVAPORATION            31             0            0         14952           0
     PETROLEUM STORAGE/TRANSPORT             0             0            0          1993           0
     OTHER/NOT CLASSIFIED                   45             8            0            41           0
     TOTAL (INDUSTRIAL)                    472           249           49         17008           3

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

         MUNICIPAL INCINERATION             31             7            5             4          91
         TOTAL (GOVERNMENT)                 31             7            5             4          91

     RESIDENTIAL (AREA)

         ON SITE INCINERATION              441             7           15          1240        3719
         OPEN BURNING                     1292            47          331          1741        5526
         TOTAL (RESIDENTIAL)              1733            54          346          2981        9245

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                  AREA SOURCES             115            37           54            65         156
         OPEN BURNING
                  AREA SOURCES               2             0            0             4           8
         TOTAL (COMM-INST)
                  AREA SOURCES             117            37           54            69         164
```

```
*** I05 ***
    FOREST MANAGED BURNING              71          0         15         65        402
    STRUCTURAL FIRES                  1449          2        174       1083       5896
    GASOLINE STA EVAP LOSS               0          0          0      20853          0
    SOLVENT EVAPORATION LOSS             0          0          0     249710          0
    UNPAVED ROADS                    10723          0          0          0          0
    TOTAL (MISCELLANEOUS)            12368          2        219     271888       7330

GRAND TOTAL
***********

    AREA SOURCES                    167592      46344     198652     471624    1825340

    POINT SOURCES                    25733     101754      83553     149495      61690

    TOTAL                           193325     148098     282205     621119    1887030
```

```
                                            NATIONAL EMISSIONS DATA SYSTEM
                                           ********************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                           *********************************

STATE EMISSIONS REPORT                                                      RUN DATE:   TUESDAY     JANUARY 26, 1982
*****************************                                  AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE 32:NEW MEXICO                                           POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                                 PARTICULATES          SOX              NOX              HC               CO
                                 ************     ************     ************     ************     ************
                                  TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                9               19                1                9               45
            DISTILLATE OIL                 0               11                4                0                0
            NATURAL GAS                  177                7             1391              140              350
            WOOD                        1813               35               72              364            13041
            TOTAL (RESIDENTIAL)         1999               72             1468              513            13436

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            16262           124755           103353             1205             4007
            RESIDUAL OIL                  77             1265             1311               14               69
            DISTILLATE OIL                 7              119              111                3               18
            NATURAL GAS                  268               16            16472               26              459
            TOTAL (ELEC GEN)           16614           126155           121247             1248             4553

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             613             1649              932               26               60
            RESIDUAL OIL
                AREA SOURCES              18              209               61                1                5
                POINT SOURCES            434             1214              531                7               37
            DISTILLATE OIL
                AREA SOURCES               1               34               29                1                3
                POINT SOURCES             72              133               32                1                7
            NATURAL GAS
                AREA SOURCES               1                0               49                0                2
                POINT SOURCES            112             7175             4585               33              193
            PROCESS GAS
                POINT SOURCES              9              189              133               13                0
            WOOD
                POINT SOURCES            962              217             1445              289              289
            LIQUID PETROL GAS
                POINT SOURCES              2                0               10                0                1
            TOTAL (INDUSTRIAL)
                AREA SOURCES             633             1892             1071               28               70
                POINT SOURCES           1591             8928             6736              343              527

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES               2               23                7                0                1
            DISTILLATE OIL
                AREA SOURCES               3              131               67                2               13
```

```
*** I07 ***                                                                                              *** I07 ***
      GASOLINE

          LIGHT DUTY VEHICLES           6891          236          3999         11816        132566
          LIGHT DUTY TRUCKS             2185          116          1824          4761         48386
          HEAVY DUTY VEHICLES            322           23           478          1426         24638
          OFF HIGHWAY                     17            9           168           607          6516
          TOTAL (GASOLINE)              9415          384          6469         18610        212106

      DIESEL

          HEAVY DUTY VEHICLES           1590          622          6067          1932          4430
          OFF HIGHWAY                    242          204          2451           360           726
          RAIL                           427          975          6331          1609          2224
          TOTAL (DIESEL)                2259         1801         14849          3901          7380

   AIRCRAFT

       MILITARY                          148           14            89           264           476
       CIVIL                               1            0             1            14           643
       COMMERCIAL                         18           40           375           420           936
       TOTAL (AIRCRAFT)                  167           54           465           698          2055

   VESSELS

       GASOLINE                            0            0             1            21            65
       TOTAL (VESSELS)                     0            0             1            21            65

   TOTAL (TRANSPORTATION)              11841         2239         21784         23230        221606

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      26            0             6            37           213
    FOREST MANAGED BURNING              1454           11           291          1309          8142
    STRUCTURAL FIRES                     115            0            14            86           467
    GASOLINE STA EVAP LOSS                 0            0             0          2166             0
    SOLVENT EVAPORATION LOSS               0            0             0          9263             0
    UNPAVED ROADS                      96376            0             0             0             0
    TOTAL (MISCELLANEOUS)              97971           11           311         12861          8822

GRAND TOTAL
***********

    AREA SOURCES                      110911         2988         23786         37235        234573

    POINT SOURCES                      17519        19341         12210           410          1679

    TOTAL                             128430        22329         35996         37645        236252
```

```
*** I08 ***                                                                                   *** I08 ***
    TOTAL (FUEL COMBUSTION)

                   AREA SOURCES          201          108          270           51         1091
                   POINT SOURCES          40           41         5966         2102          127

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               156         2008            0            0            0
    MINERAL PRODUCTS                      63            0            0            0            0
    TOTAL (INDUSTRIAL)                   219         2008            0            0            0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               4            0            0           11           35
        OPEN BURNING                      23            1            6           32          102
        TOTAL (RESIDENTIAL)               27            1            6           43          137

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               0            0            0            0            1
        OPEN BURNING
                AREA SOURCES               1            0            0            2            4
        TOTAL (COMM-INST)
                AREA SOURCES               1            0            0            2            5

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               1            0            0            1            1
                POINT SOURCES             72            1           10          113         1332
        TOTAL (INDUSTRIAL)
                AREA SOURCES               1            0            0            1            1
                POINT SOURCES             72            1           10          113         1332

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              29            1            6           46          143
                POINT SOURCES             72            1           10          113         1332

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         1573          106         1876         3901        40080
            LIGHT DUTY TRUCKS           1027          100         1580         2882        26086
            HEAVY DUTY VEHICLES           84           12          253          417         7174
            OFF HIGHWAY                    7            4           68          245         2624
            TOTAL (GASOLINE)            2691          222         3777         7445        75964

        DIESEL

            HEAVY DUTY VEHICLES          496          280         2640          552         1273
            OFF HIGHWAY                   89           74          893          131          264
            RAIL                         128          288         1871          476          657
            TOTAL (DIESEL)               713          642         5404         1159         2194

    AIRCRAFT

        CIVIL                              0            0            0            9          437
```

```
*** I09 ***                                                                                  *** I09 ***
    POINT SOURCES                        31291        122509        132541         32321        74119
    TOTAL                               252125        223654        384741        668773      2492339
```

```
*** I10 ***                                                                                             *** I10 ***
            NATURAL GAS
                AREA SOURCES            39            1           466           32           80
                POINT SOURCES          157            9          2808           47          266
            LIQUID PETROL GAS
                POINT SOURCES            0            0             3            0            1
            TOTAL (COMM-INST)
                AREA SOURCES           511         3591          2299           72          284
                POINT SOURCES         2107        18866          6116          129          626

        TOTAL (EXTERNAL COMB)
                AREA SOURCES          3151         9377          8146          930        14845
                POINT SOURCES         6056       133176         44963          549         2621

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          3151         9377          8146          930        14845
                POINT SOURCES         6056       133176         44963          549         2621

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             231            0            94           68            0
    FOOD/AGRICULTURAL                   76            0             0          116            0
    MINERAL PRODUCTS                  5738        14420          3676            0            0
    ORGANIC SOLVENT EVAPORATION          0            0             0          885            0
    OTHER/NOT CLASSIFIED              9145        26248           117        11344          488
    TOTAL (INDUSTRIAL)               15190        40668          3887        12413          488

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          59            7             6           44           64
        TOTAL (GOVERNMENT)              59            7             6           44           64

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           230            3             7          648         1943
        OPEN BURNING                  1054           39           271         1422         4513
        TOTAL (RESIDENTIAL)           1284           42           278         2070         6456

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES           216           66           102          124          295
                POINT SOURCES          119           20            15          108          151
        OPEN BURNING
                AREA SOURCES             3            0             0            6           12
        TOTAL (COMM-INST)
                AREA SOURCES           219           66           102          130          307
                POINT SOURCES          119           20            15          108          151

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            46            8             8           41           61
                POINT SOURCES           11            3             1           16           23
        OPEN BURNING
                AREA SOURCES            25            0             7           41          150
        TOTAL (INDUSTRIAL)
                AREA SOURCES            71            8            15           82          211
                POINT SOURCES           11            3             1           16           23

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          1574          116           395         2282         6974
```

```
*** I11 ***                                                                                      *** I11 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

                                                                       RUN DATE:   TUESDAY     JANUARY 26, 1982
STATE EMISSIONS REPORT                                     AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
****************************                              POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981
STATE 34:NORTH CAROLINA

                              PARTICULATES          SOX            NOX             HC             CO
                              ************     ************   ************   ************   ************
                               TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              682           7821           4889            274           1354
            NATURAL GAS                 214              7           1711            164            428
            WOOD                       8821            174            358           1777          63396
            TOTAL (RESIDENTIAL)        9717           8002           6958           2215          65178

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          111979         410232         195194           3163          10541
            RESIDUAL OIL                 26            676            235              2             11
            DISTILLATE OIL                3            287            181              6             31
            NATURAL GAS                   1              0             84              0              2
            OTHER                        26              5             36              7              7
            TOTAL (ELEC GEN)         112035         411200         195730           3178          10592

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           3763          10210           5977            170            389
                POINT SOURCES          4268          20115          11025            275            728
            LIGNITE
                POINT SOURCES             0              0              6              0              0
            RESIDUAL OIL
                POINT SOURCES          6607         102507          20421            387           1653
            DISTILLATE OIL
                AREA SOURCES             80            812            985             46            139
                POINT SOURCES            51           1199            637             26            140
            NATURAL GAS
                AREA SOURCES            266             10          10809           2689           1288
                POINT SOURCES            62              1           2527             13            105
            WOOD
                AREA SOURCES            161             18            230             32             50
                POINT SOURCES          4038           1497           9971           2177           1995
            LIQUID PETROL GAS
                POINT SOURCES             0              1              4              0              0
            OTHER
                POINT SOURCES             3              0              0              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           4270          11050          18001           2937           1866
                POINT SOURCES         15029         125320          44591           2878           4621

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
```

```
                AREA SOURCES             11             0            11             0             0
        TOTAL (COMM-INST)
                AREA SOURCES             55           230           500            27            95
                POINT SOURCES           134          1910           758            10            44

    TOTAL (EXTERNAL COMB)
                AREA SOURCES           2745          3159          4854          1030         14348
                POINT SOURCES         18135         99984         45105          1074          2831

  TOTAL (FUEL COMBUSTION)

                AREA SOURCES           2745          3159          4854          1030         14348
                POINT SOURCES         18135         99984         45105          1074          2831

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                406             0             0           924           575
  FOOD/AGRICULTURAL                     327             0             0             5             0
  SECONDARY METALS                       14             0             0             0           990
  MINERAL PRODUCTS                     6236             2            48            68             6
  WOOD PRODUCTS                        9314          1192           203            63         10173
  ORGANIC SOLVENT EVAPORATION             3             0             0          6840             0
  PETROLEUM STORAGE/TRANSPORT             0             0             0           680             0
  METAL FABRICATION                       1             0             0             0             0
  TEXTILE MANUFACTURING                 161             0             8           358             0
  OTHER/NOT CLASSIFIED                    0           471             0             5             0
  TOTAL (INDUSTRIAL)                  16462          1665           259          8943         11744

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

    OPEN BURNING                       2429            90           621          3274         10381
    TOTAL (RESIDENTIAL)                2429            90           621          3274         10381

  COMMERCIAL-INSTITUTIONAL

    ON SITE INCINERATION
                AREA SOURCES            202            64            97           118           277
    OPEN BURNING
                AREA SOURCES              3             0             0             6            12
    TOTAL (COMM-INST)
                AREA SOURCES            205            64            97           124           289

  INDUSTRIAL

    ON SITE INCINERATION
                AREA SOURCES            258            52            52           233           343
                POINT SOURCES             1             2             4             4            11
    OPEN BURNING
                AREA SOURCES             65             0            23           108           380
    TOTAL (INDUSTRIAL)
                AREA SOURCES            323            52            75           341           723
                POINT SOURCES             1             2             4             4            11

  TOTAL (SOLID WASTE DISP)
                AREA SOURCES           2957           206           793          3739         11393
                POINT SOURCES             1             2             4             4            11

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                     RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:34 NORTH CAROLINA  AQCR:170 SOUTHERN COASTAL PLAIN

                                   PARTICULATES        SOX            NOX            HC             CO
                                   ************   ************   ************   ************   ************
                                    TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                      69            792            495             28            136
         NATURAL GAS                         19              0            145             13             38
         WOOD                               636             14             25            129           4563
         TOTAL (RESIDENTIAL)                724            806            665            170           4737

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                  12524          31822          14797            246            822
         RESIDUAL OIL                        25            659            213              2             10
         DISTILLATE OIL                       0             23             16              1              3
         OTHER                                9              2             12              2              2
         TOTAL (ELEC GEN)                 12558          32506          15038            251            837

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                    300            814            478             13             31
            POINT SOURCES                   157           1167            709             12             39
         RESIDUAL OIL
            POINT SOURCES                  2926          40399           7927            182            618
         DISTILLATE OIL
            AREA SOURCES                      6             68             82              4             12
            POINT SOURCES                     3             70             32              1              7
         NATURAL GAS
            AREA SOURCES                     36              2           1461            366            173
            POINT SOURCES                     7              0            456              1             11
         WOOD
            AREA SOURCES                      7              0             17              1              1
            POINT SOURCES                   809            227           1511            302            302
         TOTAL (INDUSTRIAL)
            AREA SOURCES                    349            884           2038            384            217
            POINT SOURCES                  3902          41863          10635            498            977

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES                    50            656            136              2             11
         DISTILLATE OIL
            AREA SOURCES                      6             99             74              2             17
         NATURAL GAS
            AREA SOURCES                     11              0            132              7             23
         WOOD
            AREA SOURCES                      1              0              1              0              0
```

```
*** I14 ***                                                                                          *** I14 ***
MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                  21            0            3           16           86
   GASOLINE STA EVAP LOSS             0            0            0          424            0
   SOLVENT EVAPORATION LOSS           0            0            0         2019            0
   UNPAVED ROADS                  67762            0            0            0            0
   TOTAL (MISCELLANEOUS)          67783            0            3         2459           86

GRAND TOTAL
***********

   AREA SOURCES                   71892         3199         9153         7632        39160

   POINT SOURCES                   1312          373          216           18          194

   TOTAL                          73204         3572         9369         7650        39554
```

```
  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES               646          204          305          374          883
              POINT SOURCES               34            2            2            3            6
      OPEN BURNING
              AREA SOURCES                18            1            6           34           90
      TOTAL (COMM-INST)
              AREA SOURCES               664          205          311          408          973
              POINT SOURCES               34            2            2            3            6

  INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               505          100          100          456          678
              POINT SOURCES               66           10           12          106          742
      OPEN BURNING
              AREA SOURCES               270           12           92          469         1649
      TOTAL (INDUSTRIAL)
              AREA SOURCES               775          112          192          925         2327
              POINT SOURCES               66           10           12          106          742

  TOTAL (SOLID WASTE DISP)
              AREA SOURCES              8044          505         1577        14253        42956
              POINT SOURCES             5051          180          385          549         2092

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES          71966         2303        53440        82959       790520
          LIGHT DUTY TRUCKS             7931          369         8007        11181        92454
          HEAVY DUTY VEHICLES           3256          242         7725        11510       158607
          OFF HIGHWAY                    168           89         1658         5970        64028
          TOTAL (GASOLINE)             83321         3003        70830       111620      1105609

      DIESEL

          HEAVY DUTY VEHICLES           7954         3185        31399         4730        13401
          OFF HIGHWAY                    743          623         7509         1103         2221
          RAIL                           282          638         4141         1053         1456
          TOTAL (DIESEL)                8979         4446        43049         6886        17078

  AIRCRAFT

      MILITARY                           119           11           72          213          383
      CIVIL                                4            1            7          106         4862
      COMMERCIAL                          50          109         1014         1135         2530
      TOTAL (AIRCRAFT)                   173          121         1093         1454         7775

  VESSELS

      BITUMINOUS COAL                   3073         1460           58          384         1728
      DIESEL FUEL                          8            9           72           19           25
      RESIDUAL OIL                        58          779          128            9            4
      GASOLINE                             0            7           28         1158         3639
      TOTAL (VESSELS)                   3139         2255          286         1570         5396

  TOTAL (TRANSPORTATION)               95612         9825       115258       121530      1135858

MISCELLANEOUS (AREA)
********************
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                                   RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                            AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                           POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:36 OHIO          AQCR:178 NORTHWEST PENNSYLVANIA-YOUNGST

                                   PARTICULATES         SOX            NOX             HC              CO
                                   ************     ************   ************   ************   ************
                                    TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                    4              13              1              1             42
         DISTILLATE OIL                    27             311            195             11             55
         NATURAL GAS                      102               6            818             82            205
         WOOD                              74               1              4             15            531
         TOTAL (RESIDENTIAL)              207             331           1018            109            833

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 7644          130356          27566            274            908
         RESIDUAL OIL                     116            1638            720              6             30
         TOTAL (ELEC GEN)                7760          131994          28286            280            938

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  344            2004            458             13             29
            POINT SOURCES               16146           14688           3815             93            321
         RESIDUAL OIL
            POINT SOURCES                  57             682            666             14             62
         DISTILLATE OIL
            AREA SOURCES                    6              66             81              4             12
            POINT SOURCES                   1              47             16              1              3
         NATURAL GAS
            AREA SOURCES                   92               5           5974           1880            757
            POINT SOURCES                  21              40            953             11             76
         PROCESS GAS
            POINT SOURCES                 246            6523              0              0              0
         WOOD
            POINT SOURCES                   8               1              7              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  442            2075           6513           1897            798
            POINT SOURCES               16479           21981           5457            120            463

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                   12              27             12              0              0
         RESIDUAL OIL
            AREA SOURCES                   17             114             61              1              6
         DISTILLATE OIL
            AREA SOURCES                    6              80             61              2             14
         NATURAL GAS
```

```
*** J01 ***                                                                                          *** J01 ***
***********
    AREA SOURCES                     1019055         16475         120194         139951         753964
    POINT SOURCES                     109212         48960          70938          68179          11182
    TOTAL                            1128267         65435         191132         208130         765146
```

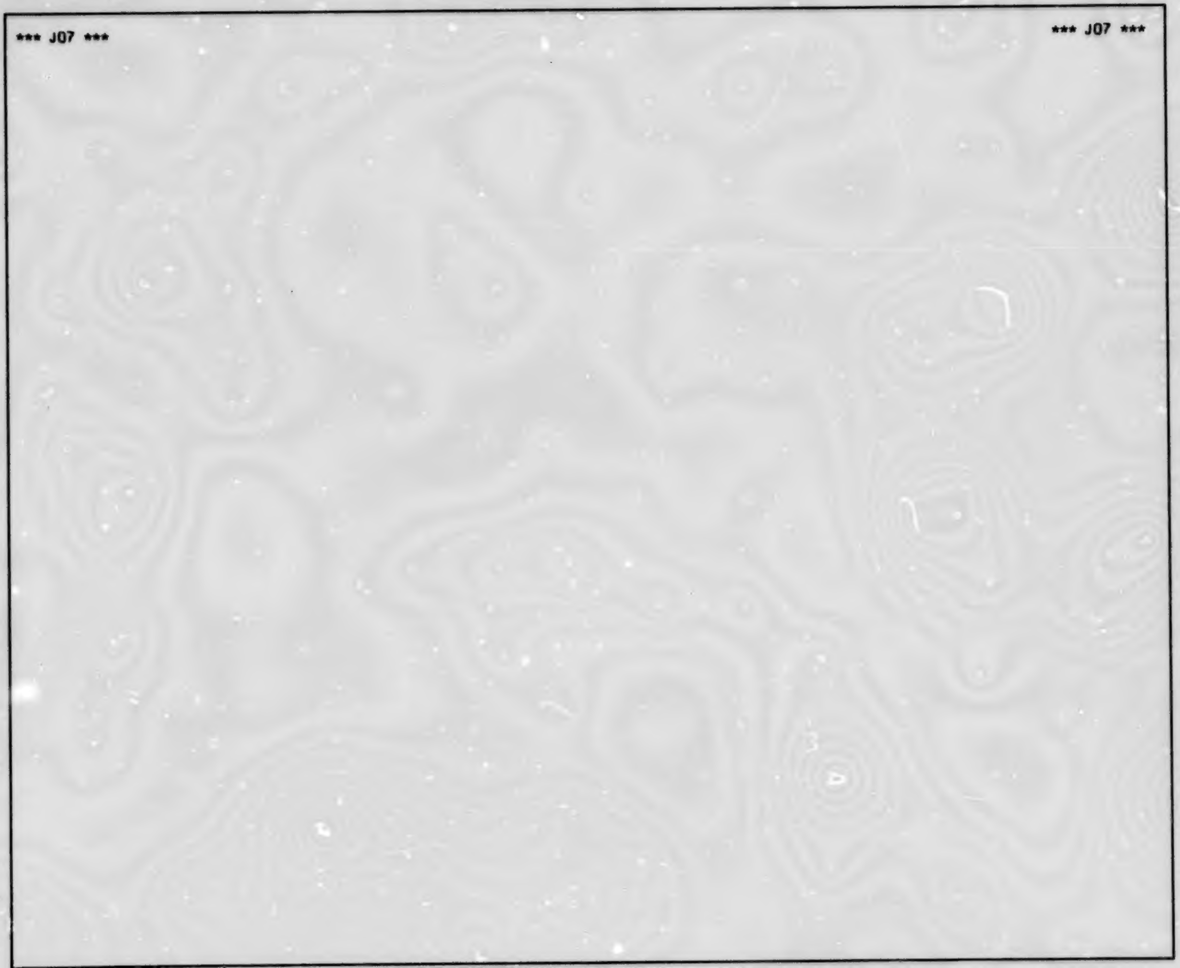
```
*** J02 ***                                                                                        *** J02 ***
               POINT SOURCES                 0           7           1           0           0
          NATURAL GAS
               AREA SOURCES                 66           0         853          51         147
               POINT SOURCES                 3           0          40           1           6
          TOTAL (COMM-INST)
               AREA SOURCES                169         228         972          51         158
               POINT SOURCES                69          11          49           2           7

       TOTAL (EXTERNAL COMB)
               AREA SOURCES               2233        3763        8623        1659        3439
               POINT SOURCES              8831        9542       28623         384        1313

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                    71         144         992          80         217
          NATURAL GAS                       12           0        4112        1692         519
          TOTAL (ELEC GEN)                  83         144        5104        1772         736

       INDUSTRIAL FUEL

          DISTILLATE OIL                     3           3          46           4          10
          NATURAL GAS                        6           0         645         227         113
          TOTAL (INDUSTRIAL)                 9           3         691         231         123

       TOTAL (INTERNAL COMB)                92         147        5795        2003         859

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES               2233        3763        8623        1659        3439
               POINT SOURCES              8923        9689       34418        2387        2172

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   7           1         696         486         929
    FOOD/AGRICULTURAL                    80792           0           0           0           1
    SECONDARY METALS                      1115           0          38           0         254
    MINERAL PRODUCTS                      4057        7634        1946           0           0
    PETROLEUM INDUSTRY                       4         174          25          78        4829
    ORGANIC SOLVENT EVAPORATION              0           0           0       20585           0
    PETROLEUM STORAGE/TRANSPORT              0           0           0        1550           0
    TOTAL (INDUSTRIAL)                   85975        7809        2705       22699        6013

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       OPEN BURNING                         20           1           8          38         106
       TOTAL (GOVERNMENT)                   20           1           8          38         106

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                804           3          11        2255        6775
       OPEN BURNING                       1526          61         388        2039        6457
       TOTAL (RESIDENTIAL)                2330          64         399        4294       13232

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               POINT SOURCES                 1           0           0           1           1
       TOTAL (COMM-INST)
               POINT SOURCES                 1           0           0           1           1
```

*** J03 ***

*** J03 ***

```
*** J04 ***                                                                                                  *** J04 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            20          5          5         16          25
        TOTAL (INDUSTRIAL)
                AREA SOURCES            20          5          5         16          25

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          1870         96        405       3066        9434
                POINT SOURCES           31          7          5          4          91

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      12462        519      11826      15231      139167
            LIGHT DUTY TRUCKS         2784        163       3690       4547       35925
            HEAVY DUTY VEHICLES        769         68       2409       2979       40727
            OFF HIGHWAY                 40         21        405       1459       15637
            TOTAL (GASOLINE)         16055        771      18330      24216      231456

        DIESEL

            HEAVY DUTY VEHICLES        846        381       3889        527        1456
            OFF HIGHWAY                331        277       3338        491         989
            RAIL                         2          6         42          9          14
            TOTAL (DIESEL)            1179        664       7269       1027        2459

    AIRCRAFT

        MILITARY                       172         17        103        306         551
        CIVIL                            1          0          1         39        1773
        COMMERCIAL                       5         10         97        109         243
        TOTAL (AIRCRAFT)               178         27        201        454        2567

    VESSELS

        DIESEL FUEL                      1          1         10          3           4
        GASOLINE                         0          2         11        441        1385
        TOTAL (VESSELS)                  1          3         21        444        1389

    TOTAL (TRANSPORTATION)           17413       1465      25821      26141      237871

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    58          0         15         83         477
    STRUCTURAL FIRES                   180          0         22        135         734
    GASOLINE STA EVAP LOSS               0          0          0       3298           0
    SOLVENT EVAPORATION LOSS             0          0          0      35314           0
    UNPAVED ROADS                    19943          0          0          0           0
    UNPAVED AIRSTRIPS                   22          0          0          0           0
    TOTAL (MISCELLANEOUS)            20203          0         37      38830        1211

GRAND TOTAL
***********

    AREA SOURCES                     41356       4555      28642      68477      260393

    POINT SOURCES                     2506     145142      46113      17720        1653

    TOTAL                            43862     149697      74755      86197      262046
```

```
          POINT SOURCES                    1        16        11         0         3
      NATURAL GAS
          AREA SOURCES                   132         5      1588       104       266
          POINT SOURCES                    0         0        56         0         0
      WOOD
          POINT SOURCES                   11        15        98        20        20
      TOTAL (COMM-INST)
          AREA SOURCES                   137       159      1662       106       280
          POINT SOURCES                   12        31       165        20        23

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                  2769      2123      4201       647     13786
          POINT SOURCES                18217    135114    128148      1611      5103

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL                    20        32       263        19        46
        NATURAL GAS                        5         2      1504       247        30
        TOTAL (ELEC GEN)                  25        34      1767       266        76

    INDUSTRIAL FUEL

        DISTILLATE OIL                   121       114      1652       130       361
        NATURAL GAS                      571      2683    101653     38559      8655
        GASOLINE                           1         1        19         0       738
        TOTAL (INDUSTRIAL)               693      2798    103324     38689      9754

    TOTAL (INTERNAL COMB)                718      2832    105091     38955      9830

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                  2769      2123      4201       647     13786
          POINT SOURCES                18935    137946    233239     40566     14933

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               820     46500      1307         0         0
    FOOD/AGRICULTURAL                     15         0         0         0         0
    PRIMARY METAL                       3755    247000         0         0         0
    MINERAL PRODUCTS                   57324     19133      5028         0        12
    PETROLEUM INDUSTRY                   220     91178      1647      1593      4946
    ORGANIC SOLVENT EVAPORATION            0         0         0       806         0
    PETROLEUM STORAGE/TRANSPORT            0         0         0     22426         0
    METAL FABRICATION                     20         0         0         4         0
    OTHER/NOT CLASSIFIED                   7        63         3         0         5
    TOTAL (INDUSTRIAL)                 62161    403874      7985     24829      4963

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             2         0         0         2         3
        OPEN BURNING                       9         1         3        17        48
        TOTAL (GOVERNMENT)                11         1         3        19        51

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             297         2         7       839      2523
        OPEN BURNING                    1364        49       350      1848      5855
        TOTAL (RESIDENTIAL)             1661        51       357      2687      8378

    COMMERCIAL-INSTITUTIONAL
```



*** J07 ***
*** J07 ***

```
*** JOB ***                                                                                       *** JOB ***
         TOTAL (AIRCRAFT)                  0            0            0            9          437

     VESSELS

         GASOLINE                          0            1            7          294          923
         TOTAL (VESSELS)                   0            1            7          294          923

     TOTAL (TRANSPORTATION)             3404          865         9188         8907        79518

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                    335            3           79          474         2765
     FOREST MANAGED BURNING              241            2           48          217         1350
     STRUCTURAL FIRES                     35            0            4           25          140
     GASOLINE STA EVAP LOSS                0            0            0          982            0
     SOLVENT EVAPORATION LOSS              0            0            0         1259            0
     UNPAVED ROADS                    104214            0            0            0            0
     UNPAVED AIRSTRIPS                    18            0            0            0            0
     TOTAL (MISCELLANEOUS)            104843            5          131         2957         4255

GRAND TOTAL
***********

     AREA SOURCES                     108477          979         9595        11961        85007

     POINT SOURCES                       331         2050         5976         2215         1459

     TOTAL                            108808         3029        15571        14176        86466
```

POINT SOURCES	189	30	22	168	238
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	31003	1416	34059	44574	382585
LIGHT DUTY TRUCKS	4767	309	7017	8524	64168
HEAVY DUTY VEHICLES	987	94	3185	3802	52223
OFF HIGHWAY	86	46	871	3134	33614
TOTAL (GASOLINE)	36843	1865	45132	60034	532590
DIESEL					
HEAVY DUTY VEHICLES	1784	822	8165	1068	3020
OFF HIGHWAY	550	461	5560	818	1646
RAIL	98	225	1457	371	513
TOTAL (DIESEL)	2432	1508	15182	2257	5179
AIRCRAFT					
MILITARY	80	8	48	143	256
CIVIL	1	0	3	63	2918
COMMERCIAL	17	37	349	390	870
TOTAL (AIRCRAFT)	98	45	400	596	4044
VESSELS					
DIESEL FUEL	110	137	1025	269	359
RESIDUAL OIL	23	304	50	3	2
GASOLINE	0	13	43	1785	5609
TOTAL (VESSELS)	133	454	1118	2057	5970
TOTAL (TRANSPORTATION)	39506	3872	61832	64944	547783
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	1859	16	436	2625	15308
STRUCTURAL FIRES	479	0	56	358	1951
GASOLINE STA EVAP LOSS	0	0	0	6037	0
SOLVENT EVAPORATION LOSS	0	0	0	41008	0
UNPAVED ROADS	14935	0	0	0	0
UNPAVED AIRSTRIPS	139	0	0	0	0
TOTAL (MISCELLANEOUS)	17412	16	492	50028	17259
GRAND TOTAL					
***********					
AREA SOURCES	61643	13381	70865	118184	586861
POINT SOURCES	21435	173874	48872	13130	3347
TOTAL	83078	187255	119737	131314	590208

```
          POINT SOURCES                 115          909          385            9           30
      RESIDUAL OIL
          POINT SOURCES                 327         4556          959           14           77
      DISTILLATE OIL
          AREA SOURCES                   74         1096          838           27          187
          POINT SOURCES                  11          207          132            5           30
      NATURAL GAS
          AREA SOURCES                  121            3         1482           95          251
          POINT SOURCES                   1            0          199            0            7
      WOOD
          AREA SOURCES                   35            0           35            0            0
      TOTAL (COMM-INST)
          AREA SOURCES                  230         1099         2355          122          438
          POINT SOURCES                 454         5672         1675           28          144

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                14217        20151        27314         5274        67482
          POINT SOURCES              127518       542192       241996         6084        15357

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

      DISTILLATE OIL                      1            6           19            1            5
      NATURAL GAS                         1            0           67            6           18
      TOTAL (ELEC GEN)                    2            6           86            7           23

    INDUSTRIAL FUEL

      DISTILLATE OIL                      0            1           17            1            4
      TOTAL (INDUSTRIAL)                  0            1           17            1            4

    TOTAL (INTERNAL COMB)                 2            7          103            8           27

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                14217        20151        27314         5274        67482
          POINT SOURCES              127520       542199       242099         6092        15384

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING               4169        15672          657        34279        11174
  FOOD/AGRICULTURAL                    4522           58           16          230            3
  PRIMARY METAL                         640         1405           41           22        11395
  SECONDARY METALS                      563          252           18           78         2937
  MINERAL PRODUCTS                    23177         4290         2304          411          138
  WOOD PRODUCTS                       31120        11372         2216          450        84716
  ORGANIC SOLVENT EVAPORATION             4            0            9        52157            0
  PETROLEUM STORAGE/TRANSPORT             0            0            0        14138            0
  METAL FABRICATION                       4            0            0           89            0
  TEXTILE MANUFACTURING                 573          831          194         4466           14
  OTHER/NOT CLASSIFIED                   59          968            4         2474            6
  TOTAL (INDUSTRIAL)                  64831        34848         5459       108794       110383

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

    MUNICIPAL INCINERATION               13           11           14            7          159
    OTHER INCINERATION                   91            1            5            1            0
    TOTAL (GOVERNMENT)                  104           12           19            8          159

  RESIDENTIAL (AREA)
```

```
     GASOLINE

         LIGHT DUTY VEHICLES          18920          851        20567        28756       240282
         LIGHT DUTY TRUCKS             3615          234         5271         6590        48390
         HEAVY DUTY VEHICLES           2008          178         5838         7045        97541
         OFF HIGHWAY                     99           51          980         3533        37891
         TOTAL (GASOLINE)             24642         1314        32656        45924       424104

     DIESEL

         HEAVY DUTY VEHICLES           2539         1168        11024         1434         4180
         OFF HIGHWAY                    752          632         7608         1119         2253
         RAIL                           254          576         3736          950         1313
         TOTAL (DIESEL)                3545         2376        22368         3503         7746

   AIRCRAFT

     MILITARY                            26            2           16           46           83
     CIVIL                                1            0            1           39         1837
     COMMERCIAL                          13           29          271          303          676
     TOTAL (AIRCRAFT)                    40           31          288          388         2596

   VESSELS

     GASOLINE                             0            0            1          119          371
     TOTAL (VESSELS)                      0            0            1          119          371

   TOTAL (TRANSPORTATION)             28227         3721        55313        49934       434817

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     189            0           45          266         1557
   FOREST MANAGED BURNING              1333           10          268         1199         7454
   AGRICULTURAL BURNING                1438            0          202         1700         9449
   STRUCTURAL FIRES                     263            0           33          197         1073
   GASOLINE STA EVAP LOSS                 0            0            0         5409            0
   SOLVENT EVAPORATION LOSS               0            0            0        39986            0
   UNPAVED ROADS                      57858            0            0            0            0
   TOTAL (MISCELLANEOUS)              61081           10          548        48757        19533

GRAND TOTAL
***********

   AREA SOURCES                       95010         7096        61508       103460       480091

   POINT SOURCES                      34598       101651        45368        10021        14586

   TOTAL                             129608       108747       106876       113481       494677
```

```
          TOTAL (COMM-INST)
              AREA SOURCES           18            99           207             9            40
              POINT SOURCES          50           656           136             2            11

       TOTAL (EXTERNAL COMB)
              AREA SOURCES         1091          1789          2910           563          4994
              POINT SOURCES       16510         75025         25809           751          1825

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL              1             5            16             1             4
          TOTAL (ELEC GEN)            1             5            16             1             4

       TOTAL (INTERNAL COMB)          1             5            16             1             4

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES         1091          1789          2910           563          4994
              POINT SOURCES       16511         75030         25825           752          1829

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING          389          1357           516         32459         10554
    FOOD/AGRICULTURAL               603             0             0             0             0
    SECONDARY METALS                127             0             1             0          1250
    MINERAL PRODUCTS               1128             0             0             0             0
    WOOD PRODUCTS                  3507          4749          1391           334         19069
    ORGANIC SOLVENT EVAPORATION       0             0             0          1304             0
    PETROLEUM STORAGE/TRANSPORT       0             0             0          2439             0
    TEXTILE MANUFACTURING            26             0             0            81             0
    OTHER/NOT CLASSIFIED              8           497             4          1807             6
    TOTAL (INDUSTRIAL)             5788          6603          1912         38424         30879

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION       13            11            14             7           159
        TOTAL (GOVERNMENT)           13            11            14             7           159

    RESIDENTIAL (AREA)

        ON SITE INCINERATION        187             1             5           525          1574
        OPEN BURNING               2177            81           559          2936          9314
        TOTAL (RESIDENTIAL)        2364            82           564          3461         10888

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES         29             8            14            16            44
                POINT SOURCES         1             1             1             1             4
        OPEN BURNING
                AREA SOURCES          4             0             0             8            16
        TOTAL (COMM-INST)
                AREA SOURCES         33             8            14            24            60
                POINT SOURCES         1             1             1             1             4

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES        166            34            34           148           219
                POINT SOURCES         1           119            20            17            65
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE/AQCR EMISSIONS REPORT                                                       RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                          AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:36 OHIO          AQCR:103 HUNTINGTON-ASHLAND-PORTSMOUTH-       POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES         SOX              NOX              HC               CO
                              ************    ************     ************     ************     ************
                               TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             5              12                0                0               42
            DISTILLATE OIL             15             162              101                7               27
            NATURAL GAS                36               2              285               29               71
            WOOD                      212               4                8               43             1521
            TOTAL (RESIDENTIAL)       268             180              394               79             1661

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         16746          605164           161714             2337             7798
            DISTILLATE OIL              5              32               36                6                8
            TOTAL (ELEC GEN)        16751          605196           161750             2343             7806

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           59             346               80                2                6
                POINT SOURCES       11267           21923             3391               65              200
            RESIDUAL OIL
                POINT SOURCES           5             106                6                0                1
            DISTILLATE OIL
                AREA SOURCES            0              11               14                0                2
                POINT SOURCES          22            1642              366               17               82
            NATURAL GAS
                AREA SOURCES           14               0              815              256              103
                POINT SOURCES          35              10              835               25               51
            PROCESS GAS
                POINT SOURCES          72            4246                0                0                0
            COKE
                POINT SOURCES        1092             767               59                0                5
            OTHER
                POINT SOURCES           3               0                0                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           73             357              909              258              111
                POINT SOURCES       12496           28694             4657              107              339

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES            8              20                8                0                0
            BITUMINOUS COAL
                POINT SOURCES         534             645               99                4               13
            RESIDUAL OIL
```

```
                                                                                                      *** J16 ***
*** J16 ***
    FOREST WILDFIRES                       5            0            1           10           51
    STRUCTURAL FIRES                     963            1          116          721         3925
    GASOLINE STA EVAP LOSS                 0            0            0        15118            0
    SOLVENT EVAPORATION LOSS               0            0            0       148165            0
    UNPAVED ROADS                      70904            0            0            0            0
    UNPAVED AIRSTRIPS                      5            0            0            0            0
    TOTAL (MISCELLANEOUS)              71877            1          117       164014         3976

GRAND TOTAL
***********

    AREA SOURCES                      178725        21593       148148       306603      1188709

    POINT SOURCES                     113398       517225        89884       134497        64190

    TOTAL                             292123       538818       238032       441100      1252899
```

```
*** J17 ***                                                                                                   *** J17 ***
                AREA SOURCES             39            2          470           31           78
            TOTAL (COMM-INST)
                AREA SOURCES             74          223          604           34           98

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            723         2629         8135         2040         1729
                POINT SOURCES         24239       153975        33743          400         1401

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL               13          134          185           15           42
            TOTAL (ELEC GEN)             13          134          185           15           42

        TOTAL (INTERNAL COMB)            13          134          185           15           42

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            723         2629         8135         2040         1729
                POINT SOURCES         24252       154109        33928          415         1443

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               43            0            0          448            0
    PRIMARY METAL                     12247        16431         3961         4462        40508
    SECONDARY METALS                    446           78            7            1         1087
    MINERAL PRODUCTS                    851          377           61            3            7
    ORGANIC SOLVENT EVAPORATION           0            0            0         5452            0
    PETROLEUM STORAGE/TRANSPORT           0            0            0          200            0
    OTHER/NOT CLASSIFIED                 35            0            0          362            0
    TOTAL (INDUSTRIAL)                13622        16886         4029        10928        41602

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION              564            4           28            4            0
        TOTAL (GOVERNMENT)              564            4           28            4            0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            516            8           16         1448         4345
        OPEN BURNING                    719           27          185          970         3077
        TOTAL (RESIDENTIAL)            1235           35          201         2418         7422

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            120           38           58           71          166
        OPEN BURNING
                AREA SOURCES              4            0            1            7           17
        TOTAL (COMM-INST)
                AREA SOURCES            124           38           59           78          183

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             78           16           16           70          105
                POINT SOURCES             4            4           28            4            0
        OPEN BURNING
                AREA SOURCES             42            2           15           73          254
        TOTAL (INDUSTRIAL)
                AREA SOURCES            120           18           31          143          359
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                            RUN DATE:   TUESDAY   JANUARY 26, 1982
***************************                                AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:36 OHIO          AQCR:182 WILMINGTON-CHILLICOTHE-LOGAN      POINT EMISSIONS AS OF:   THURSDAY      MAY 28, 1981

                           PARTICULATES         SOX              NOX              HC               CO
                           ************    ************     ************     ************     ************
                            TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              3              11                0                0               38
         DISTILLATE OIL              15             186              115                6               33
         NATURAL GAS                 37               0              300               30               77
         WOOD                       205               3                8               42             1467
         TOTAL (RESIDENTIAL)        260             200              423               78             1615

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 2             114              215                2                8
         OTHER                        2               1               14                3                2
         TOTAL (ELEC GEN)             4             115              229                5               10

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES           121             710              163                4               11
             POINT SOURCES          782           30254             7505              139              364
         RESIDUAL OIL
             POINT SOURCES            3             227              245                4               16
         DISTILLATE OIL
             AREA SOURCES             2              24               30                0                4
         NATURAL GAS
             AREA SOURCES            19               0             1204              378              153
         WOOD
             POINT SOURCES            5              29              191               38               38
         TOTAL (INDUSTRIAL)
             AREA SOURCES           142             734             1397              382              168
             POINT SOURCES          790           30510             7941              181              418

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES             3              12                3                0                0
         RESIDUAL OIL
             AREA SOURCES             6              35               19                0                1
         DISTILLATE OIL
             AREA SOURCES             1              23               18                0                4
         NATURAL GAS
             AREA SOURCES            10               0              115                7               19
         TOTAL (COMM-INST)
             AREA SOURCES            20              70              155                7               24
```

```
*** K02 ***                                                                                              *** K02 ***
    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                55            12            12            45            74
        OPEN BURNING
                POINT SOURCES                 0             0             0             0             1
        TOTAL (INDUSTRIAL)
                POINT SOURCES                55            12            12            45            75

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               2330            64           399          4294         13232
                POINT SOURCES                76            13            20            84           182

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            8973           633         15783         20667        161778
            LIGHT DUTY TRUCKS              3676           376          8281          9212         64987
            HEAVY DUTY VEHICLES            1100           144          5214          4895         70087
            OFF HIGHWAY                     309           158          3055         11005        117973
            TOTAL (GASOLINE)              14058          1311         32333         45779        414825

        DIESEL

            HEAVY DUTY VEHICLES            2280          1289         12722          1488          3987
            OFF HIGHWAY                     529           449          5367           793          1590
            RAIL                            668          1510          9785          2485          3438
            TOTAL (DIESEL)                 3477          3248         27874          4766          9015

    AIRCRAFT

        MILITARY                             11             1             6            19            34
        CIVIL                                 0             0             0           102          4964
        COMMERCIAL                            2             5            50            56           125
        TOTAL (AIRCRAFT)                     13             6            56           177          5123

    VESSELS

        DIESEL FUEL                           0             2            24            10            12
        GASOLINE                              0             9            47          2083          6542
        TOTAL (VESSELS)                       0            11            71          2093          6554

    TOTAL (TRANSPORTATION)                17548          4576         60334         52815        435517

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       1124             0           256          1582          9231
    STRUCTURAL FIRES                        233             0            12           172           941
    GASOLINE STA EVAP LOSS                    0             0             0          5346             0
    SOLVENT EVAPORATION LOSS                  0             0             0         17590             0
    UNPAVED ROADS                        836837             0             0             0             0
    UNPAVED AIRSTRIPS                        22             0             0             0             0
    TOTAL (MISCELLANEOUS)                838216             0           268         24690         10172

GRAND TOTAL
***********

    AREA SOURCES                         860327          8403         69624         83458        462360

    POINT SOURCES                         94974         17511         37143         25170          8367
```

```
*** K03 ***                                                                                                    *** K03 ***

                                               NATIONAL EMISSIONS DATA SYSTEM
                                              ********************************

                                               ENVIRONMENTAL PROTECTION AGENCY
                                              *********************************

                                                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                            POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:29 NEVADA          AQCR:148 NORTHWEST NEVADA

                                    PARTICULATES          SOX              NOX              HC               CO
                                    ************     ************     ************     ************     ************
                                     TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                    1                1                0                1                3
         DISTILLATE OIL                    10              173               71                3               20
         NATURAL GAS                       36                2              295               29               74
         WOOD                             160                3                6               32             1152
         TOTAL (RESIDENTIAL)              207              179              372               65             1249

      ELEC GENERATION (POINT)

         RESIDUAL OIL                     291             3558             2937               28              140
         NATURAL GAS                       86                5             6038                9              147
         TOTAL (ELEC GEN)                 377             3563             8975               37              287

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES                  36              166               97                3                6
         DISTILLATE OIL
             AREA SOURCES                   8              113               91                5               14
         NATURAL GAS
             AREA SOURCES                  26                1              456                7               43
         TOTAL (INDUSTRIAL)
             AREA SOURCES                  70              280              644               15               63

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
             POINT SOURCES                  2               22                8                0                0
         NATURAL GAS
             AREA SOURCES                  41                2              499               33               83
             POINT SOURCES                  5                0               77                4               11
         TOTAL (COMM-INST)
             AREA SOURCES                  41                2              499               33               83
             POINT SOURCES                  7               22               85                4               11

      TOTAL (EXTERNAL COMB)
             AREA SOURCES                 318              461             1515              113             1395
             POINT SOURCES                384             3585             9060               41              298

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES                 318              461             1515              113             1395
             POINT SOURCES                384             3585             9060               41              298
```

```
*** K05 ***                                                                                      *** K05 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                       RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                          AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:31 NEW JERSEY     AQCR:045 METROPOLITAN PHILADELPHIA   POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX           NOX            HC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              58            154             17             15            522
            DISTILLATE OIL              197           2266           1417             79            394
            NATURAL GAS                 110              6            884             88            221
            WOOD                        244              5              9             49           1755
            TOTAL (RESIDENTIAL)         609           2431           2327            231           2892

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            3520          37945          16643            166            555
            RESIDUAL OIL                 48           2252           4893             47            233
            NATURAL GAS                   2              1           1415              2             34
            TOTAL (ELEC GEN)           3570          40198          22951            215            822

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              6             35             10              0              0
            RESIDUAL OIL
                POINT SOURCES           559           6851           4951             90            588
            DISTILLATE OIL
                AREA SOURCES             47            442            538             29             76
                POINT SOURCES             5            101             79              3             74
            NATURAL GAS
                AREA SOURCES              9              0            260             47             28
                POINT SOURCES            10              0            773              5             18
            LIQUID PETROL GAS
                POINT SOURCES             0              0              1              0              0
            OTHER
                POINT SOURCES             1              0              0              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             62            477            808             76            104
                POINT SOURCES           575           6952           5804             98            680

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES             35             85             37              0              3
            RESIDUAL OIL
                AREA SOURCES            485           2251           1699             29            142
                POINT SOURCES            75            973           1263             21            104
            DISTILLATE OIL
                AREA SOURCES             53            754            576             27            131
```

```
     ON SITE INCINERATION
              AREA SOURCES            64          17          32          39          95
     OPEN BURNING
              AREA SOURCES            47           1          15          93         238
     TOTAL (COMM-INST)
              AREA SOURCES           111          18          47         132         333

  INDUSTRIAL

     ON SITE INCINERATION
              AREA SOURCES            56          12          12          47          69
              POINT SOURCES          552          77          80         866       10224
     OPEN BURNING
              AREA SOURCES            15           0           2          19          80
     TOTAL (INDUSTRIAL)
              AREA SOURCES            71          12          14          66         149
              POINT SOURCES          552          77          80         866       10224

  TOTAL (SOLID WASTE DISP)
              AREA SOURCES          1843          81         418        2885        8860
              POINT SOURCES          563          78          83         885       10275

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

          LIGHT DUTY VEHICLES      21773         956       17085       42918      458937
          LIGHT DUTY TRUCKS         9111         633       10223       22103      211736
          HEAVY DUTY VEHICLES       1134         107        2466        5153       87000
          OFF HIGHWAY                 81          42         828        2977       31939
          TOTAL (GASOLINE)         32099        1738       30602       73151      789612

     DIESEL

          HEAVY DUTY VEHICLES       6633        3173       30166        7237       17056
          OFF HIGHWAY                898         752        9094        1338        2692
          RAIL                      1276        2900       18833        4787        6616
          TOTAL (DIESEL)            8807        6825       58093       13362       26364

  AIRCRAFT

     MILITARY                       1045          98         629        1860        3351
     CIVIL                             1           0           3          85        4025
     COMMERCIAL                       25          54         509         569        1269
     TOTAL (AIRCRAFT)               1071         152        1141        2514        8645

  VESSELS

     GASOLINE                          0          10          45        1801        5652
     TOTAL (VESSELS)                   0          10          45        1801        5652

  TOTAL (TRANSPORTATION)           41977        8725       89881       90828      830273

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                  1439          10         339        2031       11853
  FOREST MANAGED BURNING            4072          31         814        3664       22798
  STRUCTURAL FIRES                   341           0          39         254        1381
  GASOLINE STA EVAP LOSS               0           0           0        8221           0
  SOLVENT EVAPORATION LOSS             0           0           0       21124           0
  UNPAVED ROADS                  1181962           0           0           0           0
```

```
*** K07 ***                                                                                        *** K07 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                          *******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                          *********************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:32 NEW MEXICO      AQCR:153 EL PASO-LAS CRUCES-ALAMOGORDO      POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                                 PARTICULATES          SOX             NOX             HC              CO
                                 ************     ************    ************    ************    ************
                                  TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            NATURAL GAS                  24                1             187              18              46
            WOOD                         97                2               4              19             702
            TOTAL (RESIDENTIAL)         121                3             191              37             748

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 56              681             937               9              45
            NATURAL GAS                  34                2            2380               3              58
            TOTAL (ELEC GEN)             90              683            3317              12             103

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             69              200             105               2               7
            DISTILLATE OIL
                AREA SOURCES              0                1               1               0               0
            NATURAL GAS
                AREA SOURCES              0                0               5               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             69              201             111               2               7

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                AREA SOURCES              0                9               5               0               1
            NATURAL GAS
                AREA SOURCES             12                0             141               9              25
            TOTAL (COMM-INST)
                AREA SOURCES             12                9             146               9              26

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            202              213             448              48             781
                POINT SOURCES            90              683            3317              12             103

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                  33                0            2834             934              37
            TOTAL (INDUSTRIAL)           33                0            2834             934              37

        TOTAL (INTERNAL COMB)            33                0            2834             934              37
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:   TUESDAY     JANUARY 26, 1982
******************************                              AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:33 NEW YORK       AQCR:158 CENTRAL NEW YORK          POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX          NOX           HC           CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              58           152            16            15           512
         DISTILLATE OIL               99          1137           710            40           197
         NATURAL GAS                 224            14          1798           179           450
         WOOD                        826            19            32           166          5940
         TOTAL (RESIDENTIAL)        1207          1322          2556           400          7099

      ELEC GENERATION (POINT)

         RESIDUAL OIL                166         40626         15770           150           751
         TOTAL (ELEC GEN)            166         40626         15770           150           751

      INDUSTRIAL FUEL

         ANTHRACITE COAL
             POINT SOURCES            10            23             3             2            84
         BITUMINOUS COAL
             POINT SOURCES          4104         42007          7215           165           471
         RESIDUAL OIL
             AREA SOURCES            214          1554           733            12            61
             POINT SOURCES          1130         14020          2934            50           239
         DISTILLATE OIL
             AREA SOURCES             51           495           602            32            87
             POINT SOURCES            10           786           124             5            29
         NATURAL GAS
             AREA SOURCES             20             0           661           143            76
             POINT SOURCES             5             0           277             0             8
         WOOD
             POINT SOURCES           141            32           210            42            42
         TOTAL (INDUSTRIAL)
             AREA SOURCES            285          2049          1996           187           224
             POINT SOURCES          5400         56868         10763           264           873

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES             24            61            27             0             1
             POINT SOURCES            92           205            77             0             8
         BITUMINOUS COAL
             POINT SOURCES           327           536            96             7            16
         RESIDUAL OIL
             AREA SOURCES            331          2461          1161            21            97
```

ON SITE INCINERATION	277	1	6	772	2316
OPEN BURNING	12991	482	3329	17520	55554
TOTAL (RESIDENTIAL)	13268	483	3335	18292	57870
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	760	231	363	441	1048
POINT SOURCES	22	12	14	16	41
OPEN BURNING					
AREA SOURCES	16	0	0	32	64
TOTAL (COMM-INST)					
AREA SOURCES	776	231	363	473	1112
POINT SOURCES	22	12	14	16	41
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	978	201	201	876	1300
POINT SOURCES	8	126	33	26	94
OPEN BURNING					
AREA SOURCES	368	9	126	627	2213
TOTAL (INDUSTRIAL)					
AREA SOURCES	1346	210	327	1503	3513
POINT SOURCES	8	126	33	26	94
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	15390	924	4025	20268	62495
POINT SOURCES	134	150	66	50	294
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	96066	4442	106697	147370	1224308
LIGHT DUTY TRUCKS	20021	1358	30491	37249	270475
HEAVY DUTY VEHICLES	7842	746	24796	29176	399632
OFF HIGHWAY	513	268	5017	18054	193623
TOTAL (GASOLINE)	124442	6814	167001	231849	2088038
DIESEL					
HEAVY DUTY VEHICLES	15974	7332	68711	8865	25924
OFF HIGHWAY	3812	3198	38548	5667	11413
RAIL	1382	3135	20350	5174	7149
TOTAL (DIESEL)	21168	13665	127609	19706	44486
AIRCRAFT					
MILITARY	2772	261	1668	4933	8882
CIVIL	5	0	6	233	10886
COMMERCIAL	64	140	1315	1469	3278
TOTAL (AIRCRAFT)	2841	401	2989	6635	23046
VESSELS					
DIESEL FUEL	292	366	2725	717	953
RESIDUAL OIL	10	125	20	1	1
GASOLINE	0	77	305	12496	39242
TOTAL (VESSELS)	302	568	3050	13214	40196
TOTAL (TRANSPORTATION)	148753	21448	300649	271404	2195766

```
*** K13 ***                                                                                  *** K13 ***
        OPEN BURNING
                AREA SOURCES              86             2            28           146           514
        TOTAL (INDUSTRIAL)
                AREA SOURCES             252            36            62           294           733
                POINT SOURCES              1           119            20            17            65

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            2649           126           640          3779         11681
                POINT SOURCES             15           131            35            25           228

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         9510           498         11861         15089        121934
            LIGHT DUTY TRUCKS           2048           158          3516          4010         28124
            HEAVY DUTY VEHICLES          767            81          2702          2966         40448
            OFF HIGHWAY                   60            34           599          2156         23128
            TOTAL (GASOLINE)           12385           771         18678         24221        213634

        DIESEL

            HEAVY DUTY VEHICLES          980           493          4689           562          1626
            OFF HIGHWAY                  445           373          4481           660          1327
            RAIL                         157           358          2327           591           817
            TOTAL (DIESEL)              1582          1224         11497          1813          3770

    AIRCRAFT

        MILITARY                        1494           141           900          2659          4788
        CIVIL                              0             0             0            23          1131
        COMMERCIAL                         5            11           105           117           261
        TOTAL (AIRCRAFT)                1499           152          1005          2799          6180

    VESSELS

        DIESEL FUEL                      177           221          1650           434           577
        RESIDUAL OIL                      10           125            20             1             1
        GASOLINE                           0            21            81          3307         10386
        TOTAL (VESSELS)                  187           367          1751          3742         10964

    TOTAL (TRANSPORTATION)             15653          2514         32931         32575        234548

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    1245            12           292          1756         10247
    FOREST MANAGED BURNING              1506            13           301          1352          8429
    AGRICULTURAL BURNING                 965             0           133          1140          6335
    STRUCTURAL FIRES                     167             0            21           124           678
    GASOLINE STA EVAP LOSS                 0             0             0          2926             0
    SOLVENT EVAPORATION LOSS               0             0             0         17097             0
    UNPAVED ROADS                      53996             0             0             0             0
    UNPAVED AIRSTRIPS                      2             0             0             0             0
    TOTAL (MISCELLANEOUS)              57881            25           747         24395         25689

GRAND TOTAL
***********

    AREA SOURCES                       77274          4454         37228         61312        276912

    POINT SOURCES                      22314         81764         27772         39201         32936
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:35 NORTH DAKOTA    AQCR:172 NORTH DAKOTA               POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                             PARTICULATES          SOX          NOX           HC           CO
                             ************  ************  ************  ************  ************
                              TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL               71           808           503            29           143
            NATURAL GAS                  63             2           520            45           129
            WOOD                         82             1             3            17           585
            TOTAL (RESIDENTIAL)         216           811          1026            91           857

        ELEC GENERATION (POINT)

            LIGNITE                    4844         78695         71188          1580          4874
            DISTILLATE OIL                0            34            39             1             6
            TOTAL (ELEC GEN)           4844         78729         71227          1581          4880

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           4934         10417          5485           166           352
            LIGNITE
                POINT SOURCES           691          1149           383            64           128
            RESIDUAL OIL
                POINT SOURCES           188          2552           695            42            65
            DISTILLATE OIL
                AREA SOURCES             19           219           268            11            32
                POINT SOURCES             1            12             6             0             1
            NATURAL GAS
                AREA SOURCES              4             0          1458           580           201
                POINT SOURCES            10             0           357             4            16
            PROCESS GAS
                POINT SOURCES             0           284             0             0             0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           4957         10636          7211           757           585
                POINT SOURCES           890          3997          1441           110           210

        COMM-INSTITUTIONAL FUEL

            LIGNITE
                POINT SOURCES           668           286           103            16            31
            RESIDUAL OIL
                AREA SOURCES            139          1969           498             3            36
                POINT SOURCES             2            36            10             0             0
            DISTILLATE OIL
                AREA SOURCES             19           395           300             7            71
                POINT SOURCES             0            55             7             0             1
            NATURAL GAS
                AREA SOURCES             33             1           456            26            71
```

```
*** K15 ***                                                                                                   *** K15 ***
                  AREA SOURCES                  5              32              17               0               1
              DISTILLATE OIL
                  AREA SOURCES                  1              23              17               0               5
              NATURAL GAS
                  AREA SOURCES                  8               0             105               7              18
              TOTAL (COMM-INST)
                  AREA SOURCES                 22              75             147               7              24
                  POINT SOURCES               534             645              99               4              13

          TOTAL (EXTERNAL COMB)
                  AREA SOURCES                363             612            1450             344            1796
                  POINT SOURCES             29781          634535          166506            2454            8158

      INTERNAL COMBUSTION (POINT)

          ELECTRIC GENERATION

              DISTILLATE OIL                    8               7             117               9              25
              TOTAL (ELEC GEN)                  8               7             117               9              25

          TOTAL (INTERNAL COMB)                 8               7             117               9              25

      TOTAL (FUEL COMBUSTION)

                  AREA SOURCES                363             612            1450             344            1796
                  POINT SOURCES             29789          634542          166623            2463            8183

INDUSTRIAL PROCESS (POINT)
***************************

      CHEMICAL MANUFACTURING                    5               0               0               0               0
      FOOD/AGRICULTURAL                        10               0               0               0               0
      PRIMARY METAL                          5457            3095              18            2198          391219
      SECONDARY METALS                        582               0              10               0            1300
      MINERAL PRODUCTS                       1791            1304             290               4               5
      PETROLEUM STORAGE/TRANSPORT              28               0               0             175               0
      OTHER/NOT CLASSIFIED                      0              53               0               0               0
      TOTAL (INDUSTRIAL)                     7873            4452             318            2377          392524

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION                167               2               5             469            1407
          OPEN BURNING                        233               8              59             312             995
          TOTAL (RESIDENTIAL)                 400              10              64             781            2402

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  AREA SOURCES                 40              11              18              23              53
          OPEN BURNING
                  AREA SOURCES                  1               0               0               2               4
          TOTAL (COMM-INST)
                  AREA SOURCES                 41              11              18              25              57

      INDUSTRIAL

          ON SITE INCINERATION
                  AREA SOURCES                 14               2               2              13              20
          OPEN BURNING
                  AREA SOURCES                  7               0               2              12              45
          TOTAL (INDUSTRIAL)
                  AREA SOURCES                 21               2               4              25              65
```

```
*** K17 ***                                                                                          *** K17 ***
            POINT SOURCES                  4          4          28          4          0

    TOTAL (SOLID WASTE DISP)
            AREA SOURCES                1479         91         291       2639       7964
            POINT SOURCES                568          8          56          8          0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        13638        503       11903      17044     156406
            LIGHT DUTY TRUCKS           1935        102        2250       2968      23791
            HEAVY DUTY VEHICLES          563         46        1513       2032      27869
            OFF HIGHWAY                   42         22         405       1460      15660
            TOTAL (GASOLINE)           16178        673       16071      23504     223726

        DIESEL

            HEAVY DUTY VEHICLES         2729       1162       11292       1572       4470
            OFF HIGHWAY                  243        204        2462        361        729
            RAIL                          55        127         820        208        287
            TOTAL (DIESEL)              3027       1493       14574       2141       5486

    AIRCRAFT

        MILITARY                          24          2          15         43         78
        CIVIL                              0          0           2         24       1122
        COMMERCIAL                         3          7          62         70        156
        TOTAL (AIRCRAFT)                  27          9          79        137       1356

    VESSELS

        DIESEL FUEL                        1          1           8          2          3
        RESIDUAL OIL                       7         90          15          1          0
        GASOLINE                           0         10          36       1447       4545
        TOTAL (VESSELS)                    8        101          59       1450       4548

    TOTAL (TRANSPORTATION)             19240       2276       30783      27232     235116

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       1          0           0          1          7
    STRUCTURAL FIRES                     181          0          21        136        738
    GASOLINE STA EVAP LOSS                 0          0           0       2831          0
    SOLVENT EVAPORATION LOSS               0          0           0      29772          0
    UNPAVED ROADS                      29387          0           0          0          0
    UNPAVED AIRSTRIPS                     66          0           0          0          0
    TOTAL (MISCELLANEOUS)              29635          0          21      32740        745

GRAND TOTAL
***********

    AREA SOURCES                       51077       4996       39230      64651     245554

    POINT SOURCES                      38442     171003       38013      11351      43045

    TOTAL                              89519     175999       77243      76002     288599
    TOTAL (EXTERNAL COMB)
            AREA SOURCES              422          1004          1975           467          1807
            POINT SOURCES             794         30625          8170           186           428

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES              422          1004          1975           467          1807
            POINT SOURCES             794         30625          8170           186           428

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING              220             0             0             0             0
  FOOD/AGRICULTURAL                    23             0             0             0             0
  PRIMARY METAL                         2             0             0             0             0
  SECONDARY METALS                     31             0             1             0          1066
  MINERAL PRODUCTS                    823             0             0             0             0
  WOOD PRODUCTS                        58           220             0           175           420
  ORGANIC SOLVENT EVAPORATION           0             0             0             6             0
  TOTAL (INDUSTRIAL)                 1157           220             1           181          1486

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

      ON SITE INCINERATION            183             1             7           511          1529
      OPEN BURNING                    259             9            66           348          1105
      TOTAL (RESIDENTIAL)             442            10            73           859          2634

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES               43            11            20            23            57
            POINT SOURCES              79             7            19            79           239
      TOTAL (COMM-INST)
            AREA SOURCES               43            11            20            23            57
            POINT SOURCES              79             7            19            79           239

  INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES               18             5             5            14            22
      OPEN BURNING
            AREA SOURCES                8             0             1            10            45
      TOTAL (INDUSTRIAL)
            AREA SOURCES               26             5             6            24            67

  TOTAL (SOLID WASTE DISP)
            AREA SOURCES              511            26            99           906          2758
            POINT SOURCES              79             7            19            79           239

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES        3837           205          5154          6709         54248
          LIGHT DUTY TRUCKS           961            72          1609          1785         12920
          HEAVY DUTY VEHICLES         282            32          1080          1107         15040
          OFF HIGHWAY                  34            17           325          1173         12591
          TOTAL (GASOLINE)           5114           326          8168         10774         94799

      DIESEL
```

```
*** L01 ***                                                                                                   *** L01 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                                    RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                            POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:28 NEBRASKA       AQCR:085 METROPOLITAN OMAHA-COUNCIL BLU

                                    PARTICULATES         SOX            NOX             HC             CO
                                    ************    ************    ************    ************    ************
                                     TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                    1               1               0               4               3
         DISTILLATE OIL                     6              60              38               4              10
         NATURAL GAS                       84               5             679              76             170
         WOOD                               5               0               0               2              36
         TOTAL (RESIDENTIAL)               96              66             717              86             219

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 6504           14792           11568             193             643
         DISTILLATE OIL                     2              28              25               1               4
         NATURAL GAS                        6               0             487               0              12
         TOTAL (ELEC GEN)                6512           14820           12080             194             659

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 1416            3204            1686              37             109
         RESIDUAL OIL
            AREA SOURCES                    0               0               0               4               0
            POINT SOURCES                  51             680             201               4              17
         DISTILLATE OIL
            AREA SOURCES                    0               2               3               0               0
            POINT SOURCES                   6             170              66               3              15
         NATURAL GAS
            AREA SOURCES                   72               4            4195              37             527
            POINT SOURCES                  18               1             730               5              34
         OTHER
            POINT SOURCES                   1               8               6               0               1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 1488            3210            5884              78             636
            POINT SOURCES                  76             859            1003              12              67

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                   85              96              38               0               8
         RESIDUAL OIL
            AREA SOURCES                    1              11               2               3               0
            POINT SOURCES                   5              71              27               0               2
         DISTILLATE OIL
            AREA SOURCES                    3              52              40              14               9
            POINT SOURCES                   6             240              63               3              14
         NATURAL GAS
```

```
*** L02 ***                                                                                      *** L02 ***
    TOTAL                              955301        25914        106767        108628        470727
```

```
*** L03 ***
INDUSTRIAL PROCESS (POINT)
****************************

    FOOD/AGRICULTURAL                           22         0         0         0         0
    MINERAL PRODUCTS                          1500      2295       585         0         0
    PETROLEUM STORAGE/TRANSPORT                  0         0         0       944         0
    TOTAL (INDUSTRIAL)                        1522      2295       585       944         0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OTHER INCINERATION                       1         0         2         0         0
        TOTAL (GOVERNMENT)                       1         0         2         0         0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   195         2         6       548      1643
        OPEN BURNING                            83         3        21       112       354
        TOTAL (RESIDENTIAL)                    278         5        27       660      1997

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                     0         0         0         0         1
                POINT SOURCES                    1         0         0         0         1
        TOTAL (COMM-INST)
                AREA SOURCES                     0         0         0         0         1
                POINT SOURCES                    1         0         0         0         1

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                   278         5        27       660      1998
                POINT SOURCES                    2         0         2         0         1

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES               3868       164      2802      7325     75940
            LIGHT DUTY TRUCKS                 1615       100      1608      3558     33492
            HEAVY DUTY VEHICLES                164        14       309       720     11976
            OFF HIGHWAY                          8         4        85       302      3237
            TOTAL (GASOLINE)                  5655       282      4804     11905    124645

        DIESEL

            HEAVY DUTY VEHICLES                827       360      3315       877      2140
            OFF HIGHWAY                        141       119      1428       210       423
            RAIL                                78       177      1154       293       406
            TOTAL (DIESEL)                    1046       656      5897      1380      2969

    AIRCRAFT

        MILITARY                                27         3        16        47        85
        CIVIL                                    1         0         3        35      1635
        COMMERCIAL                              13        29       270       302       674
        TOTAL (AIRCRAFT)                        41        32       289       384      2394

    VESSELS

        GASOLINE                                 0         3        17       633      1989
        TOTAL (VESSELS)                          0         3        17       633      1989
```

```
*** L04 ***                                                                                        *** L04 ***

                                       NATIONAL EMISSIONS DATA SYSTEM
                                      **********************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                      ***********************************

                                                                      RUN DATE:   TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
******************************                              POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981
STATE:30 NEW HAMPSHIRE   AQCR:149 NEW HAMPSHIRE

                             PARTICULATES        SOX            NOX             HC              CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             1              1              0              0              5
            DISTILLATE OIL             31            362            226             12             63
            NATURAL GAS                 3              0             18              2              4
            WOOD                      439              9             17             88           3159
            TOTAL (RESIDENTIAL)       474            372            261            102           3231

        INDUSTRIAL FUEL

            ANTHRACITE COAL
                AREA SOURCES            0              1              1              0              0
            RESIDUAL OIL
                POINT SOURCES          53            708            134              2             11
            DISTILLATE OIL
                AREA SOURCES            0              6              7              0              1
                POINT SOURCES           0             11              1              0              0
            NATURAL GAS
                AREA SOURCES            1              0             28              0              2
            COKE
                AREA SOURCES            0              1              0              0              0
            WOOD
                POINT SOURCES         232              9             62             12             12
            TOTAL (INDUSTRIAL)
                AREA SOURCES            1              8             36              0              3
                POINT SOURCES         285            728            197             14             23

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                POINT SOURCES          14            186             35              1              3
            DISTILLATE OIL
                AREA SOURCES            2             32             24              1              6
            NATURAL GAS
                AREA SOURCES            2              0             14              1              2
            TOTAL (COMM-INST)
                AREA SOURCES            4             32             38              2              8
                POINT SOURCES          14            186             35              1              3

        TOTAL (EXTERNAL COMB)
                AREA SOURCES          479            412            335            104           3242
                POINT SOURCES         299            914            232             15             26

    INTERNAL COMBUSTION (POINT)
```

```
*** L05 ***                                                                                         *** L05 ***
            POINT SOURCES                25          92          131          5          16
       NATURAL GAS
            AREA SOURCES                 43           3          523         35          88
            POINT SOURCES                 5           0           97          2          10
       TOTAL (COMM-INST)
            AREA SOURCES                616        3093         2835         91         364
            POINT SOURCES               105        1065         1491         28         130

     TOTAL (EXTERNAL COMB)
            AREA SOURCES               1287        6001         5970        398        3360
            POINT SOURCES              4250       48215        30246        341        1632

   INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL                   19          48          259         21          59
        NATURAL GAS                       9           0          280         28          78
        TOTAL (ELEC GEN)                 28          48          539         49         137

     INDUSTRIAL FUEL

        DISTILLATE OIL                  118        1322         1600        131         363
        TOTAL (INDUSTRIAL)              118        1322         1600        131         363

     TOTAL (INTERNAL COMB)              146        1370         2139        180         500

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               1287        6001         5970        398        3360
            POINT SOURCES              4396       49585        32385        521        2132

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              1568       14058        14800       7730       19035
   FOOD/AGRICULTURAL                      6           0            0          0           0
   PRIMARY METAL                        239         241          152         19          47
   SECONDARY METALS                     837       12749           20          4       23209
   MINERAL PRODUCTS                    4265         635         1685        456          65
   PETROLEUM INDUSTRY                   754        3424         4290       8447         311
   WOOD PRODUCTS                         49           0            0          0           0
   ORGANIC SOLVENT EVAPORATION           39           0          431       3115           0
   PETROLEUM STORAGE/TRANSPORT            0           0            0     113848           0
   METAL FABRICATION                     11           0          892          3           0
   OTHER/NOT CLASSIFIED                  82         225          140          4          51
   TOTAL (INDUSTRIAL)                  7850       31332        22410     133626       42718

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION            237          45           36        273         364
      TOTAL (GOVERNMENT)                237          45           36        273         364

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              252           3            8        709        2128
      OPEN BURNING                      965          36          248       1303        4130
      TOTAL (RESIDENTIAL)              1217          39          256       2012        6258

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES               2520         797         1195       1461        3450
```

```
*** L06 ***                                                                                              *** L06 ***
    UNPAVED AIRSTRIPS                    218              0               0               0               0
    TOTAL (MISCELLANEOUS)            1188032             41            1192           35294           36032

GRAND TOTAL
***********

    AREA SOURCES                     1234621          10970           95692          129654          888951

    POINT SOURCES                      81659         541898          241307           66280           30171

    TOTAL                            1316280         552868          336999          195934          919122
```

```
*** L07 ***                                                                                              *** L07 ***
    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES                 202             213              448              48             781
                 POINT SOURCES                123             683             6151             946             140

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                         2473               0                0               0               0
    TOTAL (INDUSTRIAL)                       2473               0                0               0               0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                   42               0                1             117             352
        OPEN BURNING                          191               6               49             260             818
        TOTAL (RESIDENTIAL)                   233               6               50             377            1170

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                    8               2                3               5              10
        OPEN BURNING
                AREA SOURCES                    7               0                2              13              34
        TOTAL (COMM-INST)
                AREA SOURCES                   15               2                5              18              44

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                    7               2                2               6               8
                POINT SOURCES                 124               2               18             195            2304
        OPEN BURNING
                AREA SOURCES                    2               0                0               2              10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                    9               2                2               8              18
                POINT SOURCES                 124               2               18             195            2304

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  257              10               57             403            1232
                POINT SOURCES                 124               2               18             195            2304

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              2751             120             2121            5589           60104
            LIGHT DUTY TRUCKS                1091              71             1117            2653           26057
            HEAVY DUTY VEHICLES               111              11              239             539            9139
            OFF HIGHWAY                        10               5              101             363            3893
            TOTAL (GASOLINE)                 3963             207             3578            9144           99193

        DIESEL

            HEAVY DUTY VEHICLES               431             209             1983             499            1148
            OFF HIGHWAY                       112              94             1130             166             335
            RAIL                              154             348             2256             573             794
            TOTAL (DIESEL)                    697             651             5369            1238            2277

    AIRCRAFT
```

```
*** L08 ***                                                                                                   *** L08 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

                                                                                   RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                              AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                             POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:32 NEW MEXICO     AQCR:157 UPPER RIO GRANDE VALLEY

                                 PARTICULATES        SOX             NOX             HC              CO
                                 ************    ************    ************    ************    ************
                                  TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                   0               2               0               0               3
         DISTILLATE OIL                    0               1               0               0               0
         NATURAL GAS                      21               1             165              17              42
         WOOD                            479              10              19              96            3447
         TOTAL (RESIDENTIAL)             500              14             184             113            3492

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  44             127              67               2               4
         DISTILLATE OIL
            AREA SOURCES                   0               1               1               0               0
         NATURAL GAS
            AREA SOURCES                   0               0               3               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  44             128              71               2               4

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES                   0              18              10               0               2
         NATURAL GAS
            AREA SOURCES                  16               1             187              12              31
         WOOD
            POINT SOURCES                 11              15              98              20              20
         TOTAL (COMM-INST)
            AREA SOURCES                  16              19             197              12              33
            POINT SOURCES                 11              15              98              20              20

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 560             161             452             127            3529
            POINT SOURCES                 11              15              98              20              20

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                   14              19             199              14              32
         TOTAL (ELEC GEN)                 14              19             199              14              32

      INDUSTRIAL FUEL

         DISTILLATE OIL                   46              42             638              51             139
```

```
*** L09 ***                                                                                              *** L09 ***
                 POINT SOURCES                 259          4010           860            14            72
            DISTILLATE OIL
                 AREA SOURCES                   26           381           291            14            67
                 POINT SOURCES                  12           892           111             5            24
            NATURAL GAS
                 AREA SOURCES                   36             1           431            27            73
                 POINT SOURCES                   1             0            17             0             2
            TOTAL (COMM-INST)
                 AREA SOURCES                  417          2904          1910            62           238
                 POINT SOURCES                 691          5643          1161            26           122

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES                 1909          6275          6462           649          7561
                 POINT SOURCES                6257        103137         27694           440          1746

      TOTAL (FUEL COMBUSTION)

                 AREA SOURCES                 1909          6275          6462           649          7561
                 POINT SOURCES                6257        103137         27694           440          1746

INDUSTRIAL PROCESS (POINT)
***************************

      ORGANIC SOLVENT EVAPORATION                0             0             0             8             0
      OTHER/NOT CLASSIFIED                   75558          1719          1527          5990          2174
      TOTAL (INDUSTRIAL)                     75558          1719          1527          5998          2174

SOLID WASTE DISPOSAL
********************

      GOVERNMENT (POINT)

         MUNICIPAL INCINERATION                 32             7             6            11            89
         TOTAL (GOVERNMENT)                     32             7             6            11            89

      RESIDENTIAL (AREA)

         ON SITE INCINERATION                  178             2             3           498          1495
         OPEN BURNING                          812            32           208          1096          3473
         TOTAL (RESIDENTIAL)                   990            34           211          1594          4968

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES                  167            53            80            97           229
                 POINT SOURCES                 155            23            20           105           152
         OPEN BURNING
                 AREA SOURCES                    2             0             0             4             8
         TOTAL (COMM-INST)
                 AREA SOURCES                  169            53            80           101           237
                 POINT SOURCES                 155            23            20           105           152

      INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES                   39             8             8            34            53
                 POINT SOURCES                   9             0             0             4             5
         OPEN BURNING
                 AREA SOURCES                   23             1             6            36           135
         TOTAL (INDUSTRIAL)
                 AREA SOURCES                   62             9            14            70           188
                 POINT SOURCES                   9             0             0             4             5

      TOTAL (SOLID WASTE DISP)
                 AREA SOURCES                 1221            96           305          1765          5393
                 POINT SOURCES                 196            30            26           120           246
```

```
*** L10 ***                                                                                   *** L10 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:33 NEW YORK      AQCR:162 NIAGARA FRONTIER        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES       SOX            NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               24             63              7              6            212
         DISTILLATE OIL                49            571            357             19             99
         NATURAL GAS                  332             20           2660            266            666
         WOOD                         136              3              6             28            972
         TOTAL (RESIDENTIAL)          541            657           3030            319           1949

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              222          50969          20441            261            871
         RESIDUAL OIL                   1             17              7              0              0
         TOTAL (ELEC GEN)             223          50986          20448            261            871

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES               0              1              0              0              0
         BITUMINOUS COAL
            POINT SOURCES            1767           9539           3292             82            209
         RESIDUAL OIL
            AREA SOURCES              304           2226           1050             17             88
            POINT SOURCES            2179          24343           5958            102            508
         DISTILLATE OIL
            AREA SOURCES               86            827           1004             55            143
            POINT SOURCES               1            243              9              0              2
         NATURAL GAS
            AREA SOURCES               27              2            969            210            113
            POINT SOURCES              25            917            439              3             20
         WOOD
            POINT SOURCES               1              0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              417           3055           3023            282            344
            POINT SOURCES            3973          35043           9699            187            739

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               22             52             23              0              2
         BITUMINOUS COAL
            POINT SOURCES             369           1101            214             26             70
         RESIDUAL OIL
            AREA SOURCES              377           2804           1323             22            110
```

```
*** L11 ***
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    3341          24         784        4711       27499
    FOREST MANAGED BURNING              5511          40        1106        4956       30844
    AGRICULTURAL BURNING                4191           0         585        4956       27547
    STRUCTURAL FIRES                    1455           0         175        1085        5905
    GASOLINE STA EVAP LOSS                 0           0           0       29483           0
    SOLVENT EVAPORATION LOSS               0           0           0      218523           0
    UNPAVED ROADS                     360411           0           0           0           0
    UNPAVED AIRSTRIPS                     38           0           0           0           0
    TOTAL (MISCELLANEOUS)             374947          64        2650      263714       91795

GRAND TOTAL
***********

    AREA SOURCES                      553307       42587      334638      560660     2417538

    POINT SOURCES                     192485      577197      247624      114936      126061

    TOTAL                             745792      619784      582262      675596     2543599
```

```
*** L12 ***                                                                                          *** L12 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY   JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
STATE:34 NORTH CAROLINA  AQCR:167 METROPOLITAN CHARLOTTE          POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                105           1214            758             42            210
         NATURAL GAS                    50              3            405             42            100
         WOOD                          636             13             26            129           4563
         TOTAL (RESIDENTIAL)           791           1230           1189            213           4873

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             28624          63770          30616            510           1701
         DISTILLATE OIL                  0              8              9              0              1
         NATURAL GAS                     1              0             83              0              2
         TOTAL (ELEC GEN)            28625          63778          30708            510           1704

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               814           2208           1292             40             86
            POINT SOURCES             1755           4134           2001             73            182
         RESIDUAL OIL
            POINT SOURCES              858          11491           2339             38            192
         DISTILLATE OIL
            AREA SOURCES                17            155            187             10             27
            POINT SOURCES                1             73             31              2              6
         NATURAL GAS
            AREA SOURCES                50              2           2034            504            244
            POINT SOURCES               14              0            276              5             24
         WOOD
            AREA SOURCES                15              2             23              5              6
            POINT SOURCES               53             14             86             18             18
         LIQUID PETROL GAS
            POINT SOURCES                0              1              4              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               896           2367           3536            559            363
            POINT SOURCES             2681          15713           4737            136            422

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               53             50             19              1              2
         RESIDUAL OIL
            POINT SOURCES                7             78             15              0              1
         DISTILLATE OIL
            AREA SOURCES                17            236            181              7             42
            POINT SOURCES                1             22             14              0              3
```

```
*** L13 ***                                                                            *** L13 ***
  TOTAL                  99588      86218      65000      100513      309848
```

```
*** L14 ***                                                                                              *** L14 ***
              POINT SOURCES                14           1          260           4          24
        TOTAL (COMM-INST)
              AREA SOURCES                191        2365         1254          36         178
              POINT SOURCES               684         378          380          20          56

     TOTAL (EXTERNAL COMB)
              AREA SOURCES               5364       13812         9491         884        1620
              POINT SOURCES              6418       83104        73048        1711        5146

   INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

         NATURAL GAS                        1           0          304         125          38
         TOTAL (ELEC GEN)                   1           0          304         125          38

     INDUSTRIAL FUEL

         NATURAL GAS                        4           0         1569         646         199
         TOTAL (INDUSTRIAL)                 4           0         1569         646         199

     TOTAL (INTERNAL COMB)                  5           0         1873         771         237

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES               5364       13812         9491         884        1620
              POINT SOURCES              6423       83104        74921        2482        5383

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  62        5151            0           0           0
   FOOD/AGRICULTURAL                      632           0            0           0           0
   MINERAL PRODUCTS                      1854           0            0           0           0
   PETROLEUM INDUSTRY                      92        4885          683        1546          67
   PETROLEUM STORAGE/TRANSPORT              0           0            0         678           0
   TOTAL (INDUSTRIAL)                    2640       10036          683        2224          67

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

     ON SITE INCINERATION                 629           3           12        1775        5320
     OPEN BURNING                        1545          57          397        2084        6601
     TOTAL (RESIDENTIAL)                 2174          60          409        3859       11921

   COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
              AREA SOURCES                 70          18           32          41         116
     TOTAL (COMM-INST)
              AREA SOURCES                 70          18           32          41         116

   INDUSTRIAL

     ON SITE INCINERATION
              AREA SOURCES                 18           3            3          16          21
     TOTAL (INDUSTRIAL)
              AREA SOURCES                 18           3            3          16          21

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES               2262          81          444        3916       12058

TRANSPORTATION (AREA)
*********************
```

```
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          462          23          86         831        2524

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      3262         181        4545        5788       46471
            LIGHT DUTY TRUCKS         771          60        1349        1465       10496
            HEAVY DUTY VEHICLES       208          24         831         819       11205
            OFF HIGHWAY                26          13         248         897        9610
            TOTAL (GASOLINE)         4267         278        6973        8969       77782

        DIESEL

            HEAVY DUTY VEHICLES       530         271        2609         297         847
            OFF HIGHWAY                86          72         866         128         256
            RAIL                       21          48         305          78         107
            TOTAL (DIESEL)            637         391        3780         503        1210

    AIRCRAFT

        CIVIL                           0           0           0           5         277
        TOTAL (AIRCRAFT)                0           0           0           5         277

    VESSELS

        DIESEL FUEL                    46          58         431         113         151
        GASOLINE                        0           1           8         366        1150
        TOTAL (VESSELS)                46          59         439         479        1301

    TOTAL (TRANSPORTATION)           4950         728       11192        9956       80570

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  139           0          33         196        1143
    STRUCTURAL FIRES                   58           0           8          43         238
    GASOLINE STA EVAP LOSS              0           0           0         912           0
    SOLVENT EVAPORATION LOSS            0           0           0        3516           0
    UNPAVED ROADS                   31598           0           0           0           0
    TOTAL (MISCELLANEOUS)           31795           0          41        4667        1381

GRAND TOTAL
***********

    AREA SOURCES                    37570        1363       12769       15798       86271

    POINT SOURCES                   37662      638994      166941        4840      400707

    TOTAL                           75232      640357      179710       20638      486978
```

```
*** L16 ***                                                                                              *** L16 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:36 OHIO          AQCR:175 MANSFIELD-MARION               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES       SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                5             13              0              0             48
         DISTILLATE OIL                30            328            205             11             56
         NATURAL GAS                   82              4            661             67            165
         WOOD                         190              3              9             39           1359
         TOTAL (RESIDENTIAL)          307            348            875            117           1628

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              123           5036            813             12             43
         TOTAL (ELEC GEN)             123           5036            813             12             43

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              420           2449            562             17             37
            POINT SOURCES           12394          26792           2378            156            315
         RESIDUAL OIL
            POINT SOURCES               2             40             12              1              1
         DISTILLATE OIL
            AREA SOURCES                6             75             90              6             14
            POINT SOURCES               1             13              4              0              1
         NATURAL GAS
            AREA SOURCES               68              4           4391           1382            556
            POINT SOURCES               1              0             25              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              494           2528           5043           1405            607
            POINT SOURCES           12398          26845           2419            158            318

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               11             30             12              0              0
         BITUMINOUS COAL
            POINT SOURCES            1112           2649            348             16             42
         RESIDUAL OIL
            AREA SOURCES               14             89             50              0              3
         DISTILLATE OIL
            AREA SOURCES                3             65             51              1             10
         NATURAL GAS
            AREA SOURCES               28              1            324             22             53
         TOTAL (COMM-INST)
            AREA SOURCES               56            185            437             23             66
```

```
          HEAVY DUTY VEHICLES          506        268       2636        294        832
          OFF HIGHWAY                  111         94       1136        167        336
          RAIL                          22         50        320         82        112
          TOTAL (DIESEL)               639        412       4092        543       1280

     AIRCRAFT

          CIVIL                          0          0          0         10        407
          TOTAL (AIRCRAFT)               0          0          0         10        407

     VESSELS

          GASOLINE                       0          3         11        508       1596
          TOTAL (VESSELS)                0          3         11        508       1596

     TOTAL (TRANSPORTATION)           5753        741      12271      11835      98082

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                   88          0         22        125        729
     STRUCTURAL FIRES                   64          0          8         47        261
     GASOLINE STA EVAP LOSS              0          0          0       1167          0
     SOLVENT EVAPORATION LOSS            0          0          0      12234          0
     UNPAVED ROADS                   25271          0          0          0          0
     TOTAL (MISCELLANEOUS)           25423          0         30      13573        990

GRAND TOTAL
***********

     AREA SOURCES                    32109       1771      14375      26781     103637

     POINT SOURCES                    2030      30852       8190        446       2153

     TOTAL                           34139      32623      22565      27227     105790
```

```
*** M01 ***                                                                                                                *** M01 ***
                AREA SOURCES                  68                 4               810                54                135
                POINT SOURCES                 38                 2               856                12                 67
            TOTAL (COMM-INST)
                AREA SOURCES                 157               163               890                71                152
                POINT SOURCES                 49               313               946                15                 83

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                1741              3439              7491               235               1007
                POINT SOURCES               6637             15992             14029               221                809

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     2                16                29                 2                  7
            NATURAL GAS                        0                 0                 4                 0                  1
            TOTAL (ELEC GEN)                   2                16                33                 2                  8

        INDUSTRIAL FUEL

            NATURAL GAS                        0                 0               119                49                 15
            TOTAL (INDUSTRIAL)                 0                 0               119                49                 15

        TOTAL (INTERNAL COMB)                  2                16               152                51                 23

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                1741              3439              7491               235               1007
                POINT SOURCES               6639             16008             14181               272                832

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                    12                 0              2049                 0                  0
    FOOD/AGRICULTURAL                        196                 0                 1                 0                  3
    SECONDARY METALS                         127              6672                 2                 0                216
    MINERAL PRODUCTS                         278                 0                 0                 0                  0
    ORGANIC SOLVENT EVAPORATION                0                 0                 0             29483                  0
    PETROLEUM STORAGE/TRANSPORT                0                 0                 0               714                  0
    TOTAL (INDUSTRIAL)                       613              6672              2052             30197                219

SOLID WASTE DISPOSAL
*********************

    GOVERNMENT (POINT)

        OPEN BURNING                          96                 6                36               180                510
        OTHER INCINERATION                    90                 9                45                 9                  0
        TOTAL (GOVERNMENT)                   186                15                81               189                510

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 453                 7                14              1273               3817
        OPEN BURNING                         785                29               201              1059               3358
        TOTAL (RESIDENTIAL)                 1238                36               215              2332               7175

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 POINT SOURCES                 3                 3                 5                 3                 10
        TOTAL (COMM-INST)
                 POINT SOURCES                 3                 3                 5                 3                 10

    INDUSTRIAL

        ON SITE INCINERATION
```

*** M02 ***

*** M02 ***

```
    TOTAL (TRANSPORTATION)                    6742             973           11007           14302          131997

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                           542               4             127             766            4468
    FOREST MANAGED BURNING                     834               6             166             751            4670
    STRUCTURAL FIRES                            47               0               4              34             189
    GASOLINE STA EVAP LOSS                       0               0               0            1418               0
    SOLVENT EVAPORATION LOSS                     0               0               0            6502               0
    UNPAVED ROADS                           130169               0               0               0               0
    UNPAVED AIRSTRIPS                           20               0               0               0               0
    TOTAL (MISCELLANEOUS)                   131612              10             297            9471            9327

GRAND TOTAL
***********

    AREA SOURCES                            138950            1449           12846           24546          144717

    POINT SOURCES                             1908            5880            9647             985             299

    TOTAL                                   140858            7329           22493           25531          145016
```

```
        ELECTRIC GENERATION

            DISTILLATE OIL                    0              2              3              0              1
            TOTAL (ELEC GEN)                  0              2              3              0              1

        TOTAL (INTERNAL COMB)                 0              2              3              0              1

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                479            412            335            104           3242
                POINT SOURCES               299            916            235             15             27

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                         37              0              0              0              0
    ORGANIC SOLVENT EVAPORATION               0              0              0            693              0
    TOTAL (INDUSTRIAL)                       37              0              0            693              0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                         13              1              5             24             69
        TOTAL (GOVERNMENT)                   13              1              5             24             69

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 49              1              1            138            414
        OPEN BURNING                        144              5             37            194            617
        TOTAL (RESIDENTIAL)                 193              6             38            332           1031

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 12              4              6              7             18
        TOTAL (COMM-INST)
                AREA SOURCES                 12              4              6              7             18

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  1              0              0              1              2
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  1              0              0              1              2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                206             10             44            340           1051
                POINT SOURCES                13              1              5             24             69

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            1123             67           1560           1669          13630
            LIGHT DUTY TRUCKS               345             29            665            680           4826
            HEAVY DUTY VEHICLES              96             11            416            391           5374
            OFF HIGHWAY                       6              3             59            212           2281
            TOTAL (GASOLINE)               1570            110           2700           2952          26111

        DIESEL
```

```
*** M05 ***                                                                                        *** M05 ***
                POINT SOURCES             1            0            2            0            0
         TOTAL (COMM-INST)
                AREA SOURCES           2520          797         1195         1461         3450
                POINT SOURCES             1            0            2            0            0

      INDUSTRIAL

         ON SITE INCINERATION
                AREA SOURCES            167           34           34          149          221
                POINT SOURCES           363          154          122          122          407
         OPEN BURNING
                POINT SOURCES             1            0            0            2           28
         TOTAL (INDUSTRIAL)
                AREA SOURCES            167           34           34          149          221
                POINT SOURCES           364          154          122          124          435

      TOTAL (SOLID WASTE DISP)
                AREA SOURCES           3904          870         1485         3622         9929
                POINT SOURCES           602          199          160          397          799

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

         GASOLINE

            LIGHT DUTY VEHICLES       31914         1019        24359        39794       371539
            LIGHT DUTY TRUCKS          3617          162         3671         5615        46217
            HEAVY DUTY VEHICLES        1174           86         2749         4238        58014
            OFF HIGHWAY                  73           38          712         2559        27454
            TOTAL (GASOLINE)          36778         1305        31491        52206       503224

         DIESEL

            HEAVY DUTY VEHICLES        2293          915         9166         1414         3994
            OFF HIGHWAY                 421          353         4259          626         1261
            RAIL                        175          401         2607          663          916
            TOTAL (DIESEL)             2889         1669        16032         2703         6171

      AIRCRAFT

         MILITARY                       335           31          201          595         1071
         CIVIL                            2            0            3           41         1870
         COMMERCIAL                       2            5           50           56          126
         TOTAL (AIRCRAFT)               339           36          254          692         3067

      VESSELS

         DIESEL FUEL                    203          254         1894          496          662
         GASOLINE                         0            7           23          920         2890
         TOTAL (VESSELS)                203          261         1917         1416         3552

      TOTAL (TRANSPORTATION)          40209         3271        49694        57017       516014

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                  175            1           41          247         1441
      FOREST MANAGED BURNING            218            1           44          197         1218
      STRUCTURAL FIRES                  375            0           45          282         1532
      GASOLINE STA EVAP LOSS              0            0            0         6177            0
      SOLVENT EVAPORATION LOSS            0            0            0        45746            0
      UNPAVED ROADS                    6097            0            0            0            0
      UNPAVED AIRSTRIPS                   2            0            0            0            0
      TOTAL (MISCELLANEOUS)            6867            2          130        52649         4191
```

```
*** M07 ***
        MILITARY                          661         62        398       1176       2118
        CIVIL                               0          0          1         13        640
        TOTAL (AIRCRAFT)                  661         62        399       1189       2758

    VESSELS

        GASOLINE                            0          3         13        522       1640
        TOTAL (VESSELS)                     0          3         13        522       1640

    TOTAL (TRANSPORTATION)               5321        923       9359      12093     105868

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      279          2         65        394       2295
    FOREST MANAGED BURNING                787          6        157        708       4407
    STRUCTURAL FIRES                       42          0          4         31        169
    GASOLINE STA EVAP LOSS                  0          0          0        917          0
    SOLVENT EVAPORATION LOSS                0          0          0       2043          0
    UNPAVED ROADS                      164013          0          0          0          0
    UNPAVED AIRSTRIPS                      97          0          0          0          0
    TOTAL (MISCELLANEOUS)              165218          8        226       4093       6871

GRAND TOTAL
***********

    AREA SOURCES                       170998       1154      10090      16637     114752

    POINT SOURCES                        2720        685       6169       1141       2444

    TOTAL                              173718       1839      16259      17778     117196
```

```
*** M08 ***                                                                          *** M08 ***
            NATURAL GAS                  6             0          1787           680           188
            GASOLINE                     1             1            19             0           738
            TOTAL (INDUSTRIAL)          53            43          2444           731          1065

         TOTAL (INTERNAL COMB)          67            62          2643           745          1097

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           560           161           452           127          3529
                POINT SOURCES           78            77          2741           765          1117

INDUSTRIAL PROCESS (POINT)
**************************

    PRIMARY METAL                      236             0             0             0             0
    MINERAL PRODUCTS                  9806             0             0             0             0
    OTHER/NOT CLASSIFIED                 7             0             0             0             0
    TOTAL (INDUSTRIAL)               10049             0             0             0             0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            29             0             1            82           247
        OPEN BURNING                   134             5            34           179           571
        TOTAL (RESIDENTIAL)            163             5            35           261           818

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             6             1             4             4            10
        OPEN BURNING
                AREA SOURCES             4             0             1             9            21
        TOTAL (COMM-INST)
                AREA SOURCES            10             1             5            13            31

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             4             1             1             3             5
                POINT SOURCES          164            36            24           257          3039
        OPEN BURNING
                AREA SOURCES             1             0             0             1             5
        TOTAL (INDUSTRIAL)
                AREA SOURCES             5             1             1             4            10
                POINT SOURCES          164            36            24           257          3039

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           178             7            41           278           859
                POINT SOURCES          164            36            24           257          3039

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       3830           152          2625          7263         79197
            LIGHT DUTY TRUCKS         1322            79          1265          3156         31317
            HEAVY DUTY VEHICLES         83             9           205           415          7046
            OFF HIGHWAY                  6             3            67           238          2555
            TOTAL (GASOLINE)          5241           243          4162         11072        120115

        DIESEL
```

TRANSPORTATION (AREA)
****

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	20003	805	19123	26272	234252
LIGHT DUTY TRUCKS	3976	233	5245	6681	51680
HEAVY DUTY VEHICLES	969	84	2750	3574	49214
OFF HIGHWAY	96	51	948	3414	36621
TOTAL (GASOLINE)	25044	1173	28066	39941	371767
DIESEL					
HEAVY DUTY VEHICLES	2067	908	8952	1225	3467
OFF HIGHWAY	564	472	5711	840	1688
RAIL	72	157	1021	259	358
TOTAL (DIESEL)	2703	1537	15684	2324	5513
AIRCRAFT					
MILITARY	309	29	185	549	988
CIVIL	1	0	1	39	1710
COMMERCIAL	17	37	351	393	876
TOTAL (AIRCRAFT)	327	66	537	981	3574
VESSELS					
DIESEL FUEL	5	8	53	15	19
GASOLINE	0	17	72	2914	9157
TOTAL (VESSELS)	5	25	125	2929	9176
TOTAL (TRANSPORTATION)	28079	2801	44412	46175	390030

MISCELLANEOUS (AREA)
****

FOREST WILDFIRES	43	0	9	59	340
STRUCTURAL FIRES	348	0	42	260	1413
GASOLINE STA EVAP LOSS	0	0	0	4611	0
SOLVENT EVAPORATION LOSS	0	0	0	27455	0
UNPAVED ROADS	21571	0	0	0	0
UNPAVED AIRSTRIPS	15	0	0	0	0
TOTAL (MISCELLANEOUS)	21977	0	51	32385	1753

GRAND TOTAL
****

AREA SOURCES	53186	9172	51230	80974	404737
POINT SOURCES	82011	104886	29247	6558	4166
TOTAL	135197	114058	80477	87532	408903

```
*** M10 ***                                                                                    *** M10 ***
            POINT SOURCES                334        4430         962          16          81
        DISTILLATE OIL
            AREA SOURCES                  30         434         332          15          76
            POINT SOURCES                  1          84          15           1           3
        NATURAL GAS
            AREA SOURCES                  41           2         499          33          83
            POINT SOURCES                  7           0         123           3          13
        TOTAL (COMM-INST)
            AREA SOURCES                 470        3292        2177          70         271
            POINT SOURCES                711        5615        1314          46         167

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                1428        7004        8230         671        2564
            POINT SOURCES               4907       91644       31461         494        1777

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                1428        7004        8230         671        2564
            POINT SOURCES               4907       91644       31461         494        1777

INDUSTRIAL PROCESS (POINT)
**************************

   OTHER/NOT CLASSIFIED                 8436       10909         601       10937        8162
   TOTAL (INDUSTRIAL)                   8436       10909         601       10937        8162

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION            533         240         193        1375        1995
       TOTAL (GOVERNMENT)                533         240         193        1375        1995

   RESIDENTIAL (AREA)

       ON SITE INCINERATION              196           4           6         552        1657
       OPEN BURNING                      901          34         230        1215        3855
       TOTAL (RESIDENTIAL)              1097          38         236        1767        5512

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES              189          59          89         109         258
               POINT SOURCES             121          22          19         119         166
       OPEN BURNING
               AREA SOURCES                3           0           1           7          17
       TOTAL (COMM-INST)
               AREA SOURCES              192          59          90         116         275
               POINT SOURCES             121          22          19         119         166

   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES               54          11          11          49          72
               POINT SOURCES              28           6           7          13          28
       OPEN BURNING
               AREA SOURCES               32           1          11          56         194
       TOTAL (INDUSTRIAL)
               AREA SOURCES               86          12          22         105         266
               POINT SOURCES              28           6           7          13          28

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES             1375         109         348        1988        6053
               POINT SOURCES             682         268         219        1507        2189
```

```
*** M12 ***                                                                                                  *** M12 ***
          NATURAL GAS
              AREA SOURCES                  29              1             338             22             56
          WOOD
              AREA SOURCES                   3              0               3              0              0
          TOTAL (COMM-INST)
              AREA SOURCES                  49            237             522             29             98
              POINT SOURCES                 61            150              48              1              6

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                1736           3834            5247            801           5334
              POINT SOURCES              31367          79641           35493            647           2132

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          NATURAL GAS                        0              0              34              3              9
          TOTAL (ELEC GEN)                   0              0              34              3              9

      TOTAL (INTERNAL COMB)                  0              0              34              3              9

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                1736           3834            5247            801           5334
              POINT SOURCES              31367          79641           35527            650           2141

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                   21              0              56              3              0
   FOOD/AGRICULTURAL                       524              0               0              0              0
   PRIMARY METAL                           634           1404              38             22          11395
   SECONDARY METALS                        234            241              17              0            200
   MINERAL PRODUCTS                       6313             39             652            117             31
   WOOD PRODUCTS                          1452              0               0              0              0
   ORGANIC SOLVENT EVAPORATION               1              0               0           3971              0
   PETROLEUM STORAGE/TRANSPORT               0              0               0           2285              0
   TEXTILE MANUFACTURING                   176            831             144            873             14
   OTHER/NOT CLASSIFIED                     16              0               0              0              0
   TOTAL (INDUSTRIAL)                     9371           2515             907           7271          11640

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       OPEN BURNING                       1365             51             348           1839           5837
       TOTAL (RESIDENTIAL)                1365             51             348           1839           5837

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES                 144             45              69             82            196
              POINT SOURCES                 17              8              10             10             25
       OPEN BURNING
              AREA SOURCES                   3              0               0              6             12
       TOTAL (COMM-INST)
              AREA SOURCES                 147             45              69             88            208
              POINT SOURCES                 17              8              10             10             25

   INDUSTRIAL

       ON SITE INCINERATION
              AREA SOURCES                  90             20              20             78            119
              POINT SOURCES                  0              0               0              0              1
       OPEN BURNING
```

*** M13 ***

*** M13 ***

```
* M14 ***                                                                                                  *** M14 ***
  LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES          5851           382          9698         11665         90323
          LIGHT DUTY TRUCKS            2643           250          5959          6144         42024
          HEAVY DUTY VEHICLES           700            93          3521          3059         41963
          OFF HIGHWAY                   220           119          2232          8034         86147
          TOTAL (GASOLINE)             9414           844         21410         28902        260457

      DIESEL

          HEAVY DUTY VEHICLES          2427          1318         13695          1495          4062
          OFF HIGHWAY                  1618          1357         16378          2411          4848
          RAIL                          343           774          5023          1277          1769
          TOTAL (DIESEL)               4388          3449         35096          5183         10679

  AIRCRAFT

      MILITARY                          337            31           203           599          1079
      CIVIL                               1             0             2            94          4271
      COMMERCIAL                          7            15           146           164           366
      TOTAL (AIRCRAFT)                  345            46           351           857          5716

  VESSELS

      GASOLINE                            0             4            28          1253          3952
      TOTAL (VESSELS)                     0             4            28          1253          3952

  TOTAL (TRANSPORTATION)              14147          4343         56885         36195        280804

SCELLANEOUS (AREA)
*******************

  FOREST WILDFIRES                      590             2           144           838          4901
  FOREST MANAGED BURNING                111             0            22           100           620
  STRUCTURAL FIRES                      154             0            12           114           632
  GASOLINE STA EVAP LOSS                  0             0             0          3254             0
  SOLVENT EVAPORATION LOSS                0             0             0          8391             0
  UNPAVED ROADS                     1158110             0             0             0             0
  UNPAVED AIRSTRIPS                      48             0             0             0             0
  TOTAL (MISCELLANEOUS)             1159013             2           178         12697          6153

RAND TOTAL
**********

  AREA SOURCES                      1180786         18238         66998         53692        300635

  POINT SOURCES                        9063         93140         75604          4706          5450

  TOTAL                             1189849        111378        142602         58398        306085
```

```
*** M16 ***                                                                               *** M16 ***
               POINT SOURCES            1112        2649        348        16        42

        TOTAL (EXTERNAL COMB)
               AREA SOURCES              857        3061       6355      1545      2301
               POINT SOURCES           13633       34530       3580       186       403

     TOTAL (FUEL COMBUSTION)

               AREA SOURCES              857        3061       6355      1545      2301
               POINT SOURCES           13633       34530       3580       186       403

INDUSTRIAL PROCESS (POINT)
***************************

     CHEMICAL MANUFACTURING               13           0          0         6         0
     FOOD/AGRICULTURAL                   478           0          0         0         0
     PRIMARY METAL                       197           0          0         0      5912
     SECONDARY METALS                   1104           1          4         0       370
     MINERAL PRODUCTS                   8707          56         17        32        11
     ORGANIC SOLVENT EVAPORATION           8           0          0      3213         0
     METAL FABRICATION                    20           0          0         0         0
     OTHER/NOT CLASSIFIED                  0          43          0         0         0
     TOTAL (INDUSTRIAL)                10527         100         21      3251      6293

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION            394           7         13      1105      3315
         OPEN BURNING                    558          22        143       752      2387
         TOTAL (RESIDENTIAL)             952          29        156      1857      5702

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES             92          28         44        52       125
         OPEN BURNING
                 AREA SOURCES              2           0          0         4         8
         TOTAL (COMM-INST)
                 AREA SOURCES             94          28         44        56       133

     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES             45           8          8        38        58
         OPEN BURNING
                 AREA SOURCES             21           0          7        38       135
         TOTAL (INDUSTRIAL)
                 AREA SOURCES             66           8         15        76       193

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES           1112          65        215      1989      6028

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

              LIGHT DUTY VEHICLES       9060         415      10013     13236    113481
              LIGHT DUTY TRUCKS         1993         129       2900      3393     25600
              HEAVY DUTY VEHICLES        590          58       2003      2215     30315
              OFF HIGHWAY                 63          35        621      2234     23953
              TOTAL (GASOLINE)         11706         637      15537     21078    193349
```

```
*** M17 ***                                                                                                  *** M17 ***

                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                  ******************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                  *******************************

STATE/AQCR EMISSIONS REPORT                                                 RUN DATE:  TUESDAY     JANUARY 26, 1982
***************************                                     AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:36 OHIO          AQCR:179 PARKERSBURG-MARIETTA           POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                 PARTICULATES        SOX           NOX            HC             CO
                                 ************    ************  ************  ************  ************
                                  TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                    2              6             0             0            20
         DISTILLATE OIL                     4             49            31             1             9
         NATURAL GAS                       26              1           209            22            53
         WOOD                              25              0             0             5           180
         TOTAL (RESIDENTIAL)               57             56           240            28           262

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 9458         415923         68936           680          2283
         DISTILLATE OIL                     1             19            47             1             2
         TOTAL (ELEC GEN)                9459         415942         68983           681          2285

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                   41            235            55             1             3
            POINT SOURCES                 120           7714          2100            20            70
         DISTILLATE OIL
            AREA SOURCES                    1              9            12             0             1
         NATURAL GAS
            AREA SOURCES                   13              1           829           260           104
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   55            245           896           261           108
            POINT SOURCES                 120           7714          2100            20            70

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                    4             10             4             0             0
         BITUMINOUS COAL
            POINT SOURCES                 404           1321           222            11            27
         RESIDUAL OIL
            AREA SOURCES                    2             20            12             0             0
         DISTILLATE OIL
            AREA SOURCES                    0             15            12             0             2
         NATURAL GAS
            AREA SOURCES                    7              0            79             5            13
         TOTAL (COMM-INST)
            AREA SOURCES                   13             45           107             5            15
            POINT SOURCES                 404           1321           222            11            27

      TOTAL (EXTERNAL COMB)
```

```
*** NO1 ***                                                                                      *** NO1 ***
              POINT SOURCES              11          6          22          7          12
      TOTAL (INDUSTRIAL)
              POINT SOURCES              11          6          22          7          12

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             1238         36         215       2332        7175
              POINT SOURCES             200         24         108        199         532

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           9572        294        7217      12414      116679
         LIGHT DUTY TRUCKS             1860         79        1823       2920       24470
         HEAVY DUTY VEHICLES            388         26         829       1388       18854
         OFF HIGHWAY                     22         12         216        777        8329
         TOTAL (GASOLINE)             11842        411       10085      17499      168332

      DIESEL

         HEAVY DUTY VEHICLES           2426        905        8853       1409        3995
         OFF HIGHWAY                    159        134        1607        237         476
         RAIL                           380        868        5629       1430        1978
         TOTAL (DIESEL)                2965       1907       16089       3076        6449

   AIRCRAFT

      MILITARY                          194         18         117        346         622
      CIVIL                               1          0           1         16         753
      COMMERCIAL                         14         31         285        319         711
      TOTAL (AIRCRAFT)                  209         49         403        681        2086

   VESSELS

      DIESEL FUEL                         0          0           4          2           2
      GASOLINE                            0          0           1         49         154
      TOTAL (VESSELS)                     0          0           5         51         156

   TOTAL (TRANSPORTATION)             15016       2367       26582      21307      177023

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      10          0           2         15          85
   STRUCTURAL FIRES                     129          0          15         97         527
   GASOLINE STA EVAP LOSS                 0          0           0       1893           0
   SOLVENT EVAPORATION LOSS               0          0           0      10372           0
   UNPAVED ROADS                      26632          0           0          0           0
   TOTAL (MISCELLANEOUS)              26771          0          17      12377         612

GRAND TOTAL
***********

   AREA SOURCES                       44766       5842       34305      36251      185817

   POINT SOURCES                       7452      22704       16341      30668        1583

   TOTAL                              52218      28546       50646      66919      187400
```

```
*** N02 ***                                                                                          *** N02 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

                                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
**********************                                             POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 29:NEVADA

                                PARTICULATES        SOX              NOX              HC               CO
                                ************    ************     ************     ************     ************
                                 TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  11               7                1               11               45
         DISTILLATE OIL                   12             233               97                3               25
         NATURAL GAS                      74               4              602               59              150
         WOOD                            333               6               13               67             2394
         TOTAL (RESIDENTIAL)             430             250              713              140             2614

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               10347           40672            66421              606             2019
         RESIDUAL OIL                    292            3567             2949               28              141
         DISTILLATE OIL                    4              23               56                2                9
         NATURAL GAS                     160              11            12563               18              305
         TOTAL (ELEC GEN)              10803           44273            81989              654             2474

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES                 73             340              201                5               12
             POINT SOURCES               196            1116              629               42               84
         DISTILLATE OIL
             AREA SOURCES                 15             216              175                9               24
             POINT SOURCES                 2              75               23                1                5
         NATURAL GAS
             AREA SOURCES                 52               2              920               14               86
             POINT SOURCES                 2               0              102                0                4
         PROCESS GAS
             POINT SOURCES                 0             320                0                0                0
         TOTAL (INDUSTRIAL)
             AREA SOURCES                140             558             1296               28              122
             POINT SOURCES               200            1511              754               43               93

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
             POINT SOURCES                 3              28               17                0                1
         DISTILLATE OIL
             POINT SOURCES                38             500              414               19               94
         NATURAL GAS
             AREA SOURCES                 91               5             1100               73              183
             POINT SOURCES                 6               0               86                4               12
         TOTAL (COMM-INST)
             AREA SOURCES                 91               5             1100               73              183
             POINT SOURCES                47             528              517               23              107
```

```
*** N04 ***                                                                                          *** N04 ***
             HEAVY DUTY VEHICLES          74          39         398          45         125
             OFF HIGHWAY                  42          36         430          63         127
             RAIL                          0           1           6           1           2
             TOTAL (DIESEL)              116          76         834         109         254

     AIRCRAFT

          MILITARY                         1           0           0           1           2
          CIVIL                            0           0           0           9         440
          COMMERCIAL                       2           5          48          54         120
          TOTAL (AIRCRAFT)                 3           5          48          64         562

     VESSELS

          GASOLINE                         0           1           4         176         552
          TOTAL (VESSELS)                  0           1           4         176         552

     TOTAL (TRANSPORTATION)             1689         192        3586        3301       27479

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                      0           0           0           2           8
     STRUCTURAL FIRES                     21           0           3          16          86
     GASOLINE STA EVAP LOSS                0           0           0         574           0
     SOLVENT EVAPORATION LOSS              0           0           0        3022           0
     UNPAVED ROADS                      3561           0           0           0           0
     TOTAL (MISCELLANEOUS)              3582           0           3        3614          94

GRAND TOTAL
***********

     AREA SOURCES                       5956         614        3968        7359       31866

     POINT SOURCES                       349         917         240         732          96

     TOTAL                              6305        1531        4208        8091       31962
```

```
*** NO5 ***
GRAND TOTAL
***********

    AREA SOURCES                          52267        10144        57279       113686       533494

    POINT SOURCES                         12848        81116        54955       134544        45649

    TOTAL                                 65115        91260       112234       248230       579143
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                        AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:32 NEW MEXICO     AQCR:012 ARIZONA-NEW MEXICO-SOUTHERN BO   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES       SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                   7              0             49              5             12
         WOOD                         46              1              2              9            333
         TOTAL (RESIDENTIAL)          53              1             51             14            345

      ELEC GENERATION (POINT)

         DISTILLATE OIL                5             35             72              2             12
         NATURAL GAS                  16              1           1147              2             28
         TOTAL (ELEC GEN)             21             36           1219              4             40

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              33             94             50              2              3
         RESIDUAL OIL
            POINT SOURCES            434           1214            531              7             37
         DISTILLATE OIL
            POINT SOURCES             71             76             10              0              2
         NATURAL GAS
            AREA SOURCES               0              0              4              0              0
            POINT SOURCES              0              0            924              1              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              33             94             54              2              3
            POINT SOURCES            505           1290           1465              8             39

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES               0              2              1              0              0
         NATURAL GAS
            AREA SOURCES               3              0             34              2              6
         TOTAL (COMM-INST)
            AREA SOURCES               3              2             35              2              6

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              89             97            140             18            354
            POINT SOURCES            526           1326           2684             12             79

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         DISTILLATE OIL               54             50            759             61            165
```

HEAVY DUTY VEHICLES	370	194	1761	403	1097
OFF HIGHWAY	85	71	863	127	255
RAIL	135	307	1991	506	699
TOTAL (DIESEL)	590	572	4615	1036	2051
AIRCRAFT					
MILITARY	21	2	12	37	66
CIVIL	0	0	0	12	560
COMMERCIAL	1	2	23	25	57
TOTAL (AIRCRAFT)	22	4	35	74	683
VESSELS					
GASOLINE	0	1	5	200	627
TOTAL (VESSELS)	0	1	5	200	627
TOTAL (TRANSPORTATION)	5853	820	8817	12382	123476
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	94	0	23	134	782
FOREST MANAGED BURNING	399	3	80	358	2232
STRUCTURAL FIRES	38	0	5	28	151
GASOLINE STA EVAP LOSS	0	0	0	1182	0
SOLVENT EVAPORATION LOSS	0	0	0	1610	0
UNPAVED ROADS	67804	0	0	0	0
UNPAVED AIRSTRIPS	22	0	0	0	0
TOTAL (MISCELLANEOUS)	68357	3	108	3312	3165
GRAND TOTAL ***********					
AREA SOURCES	74948	991	9418	16099	131029
POINT SOURCES	10291	113	2765	1022	4156
TOTAL	85239	1104	12183	17121	135185

```
*** N10 ***                                                                                    *** N10 ***
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           23749          778          18063          27241          258968
            LIGHT DUTY TRUCKS              3267          148           3288           4813           39841
            HEAVY DUTY VEHICLES             977           72           2337           3524           48406
            OFF HIGHWAY                      64           35            638           2297           24640
            TOTAL (GASOLINE)              28057         1033          24326          37875          371855

        DIESEL

            HEAVY DUTY VEHICLES            1562          626           6223            945            2671
            OFF HIGHWAY                     202          170           2045            301             606
            RAIL                             71          163           1054            268             371
            TOTAL (DIESEL)                 1835          959           9322           1514            3648

    AIRCRAFT

        MILITARY                            132           12             80            236             424
        CIVIL                                 1            0              2             19             890
        COMMERCIAL                           24           53            490            548            1222
        TOTAL (AIRCRAFT)                    157           65            572            803            2536

    VESSELS

        GASOLINE                              0            1              5            168             528
        TOTAL (VESSELS)                       0            1              5            168             528

    TOTAL (TRANSPORTATION)                30049         2058          34225          40360          378567

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                        375            1             45            281            1527
    GASOLINE STA EVAP LOSS                    0            0              0           4239               0
    SOLVENT EVAPORATION LOSS                  0            0              0          34915               0
    UNPAVED ROADS                         16812            0              0              0               0
    UNPAVED AIRSTRIPS                        23            0              0              0               0
    TOTAL (MISCELLANEOUS)                 17210            1             45          39435            1527

GRAND TOTAL
***********

    AREA SOURCES                          50062         9172          42848          82454          388711

    POINT SOURCES                         14025       102821          32281          12938           12128

    TOTAL                                 64087       111993          75129          95392          400839
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

                                                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*****************************                               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:34 NORTH CAROLINA  AQCR:136 NORTHERN PIEDMONT

                               PARTICULATES         SOX             NOX             HC              CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              142            1626            1016              58             284
            NATURAL GAS                  46               2             365              35              92
            WOOD                       1514              31              60             304           10890
            TOTAL (RESIDENTIAL)        1702            1659            1441             397           11266

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           35637           81171           42636             711            2368
            NATURAL GAS                   0               0               1               0               0
            OTHER                         9               1               9               2               2
            TOTAL (ELEC GEN)          35646           81172           42646             713            2370

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            782            2122            1241              35              80
                POINT SOURCES          1700            4598            2050              82             208
            LIGNITE
                POINT SOURCES             0               0               6               0               0
            RESIDUAL OIL
                POINT SOURCES           431            8015            1543              25             128
            DISTILLATE OIL
                AREA SOURCES             18             174             210              10              29
                POINT SOURCES             4             187              51               1              10
            NATURAL GAS
                AREA SOURCES             52               2            2095             519             250
                POINT SOURCES             5               0             113               1               7
            WOOD
                AREA SOURCES             40               6              52              11              14
                POINT SOURCES           204              80             530             287             105
            TOTAL (INDUSTRIAL)
                AREA SOURCES            892            2304            3598             575             373
                POINT SOURCES          2344           12880            4293             396             458

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES             8              23               6               2               8
            RESIDUAL OIL
                POINT SOURCES            42             757             171               3              15
            DISTILLATE OIL
                AREA SOURCES             16             222             170               6              38
                POINT SOURCES             2              44              21               1               4
```

```
*** N12 ***                                                                                         *** N12 ***
               AREA SOURCES                   42          2         15         73        255
     TOTAL (INDUSTRIAL)
               AREA SOURCES                  132         22         35        151        374
               POINT SOURCES                   0          0          0          0          1

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES                 1644        118        452       2078       6419
               POINT SOURCES                  17          8         10         10         26

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES               18733        727      17214      25839     224935
         LIGHT DUTY TRUCKS                  3450        191       4276       5813      44519
         HEAVY DUTY VEHICLES                1449        120       3901       5316      72451
         OFF HIGHWAY                          71         38        699       2516      26981
         TOTAL (GASOLINE)                  23703       1076      26090      39484     368886

      DIESEL

         HEAVY DUTY VEHICLES                4037       1720      16223       2278       6652
         OFF HIGHWAY                         537        449       5420        796       1605
         RAIL                                232        531       3445        875       1211
         TOTAL (DIESEL)                     4806       2700      25088       3949       9468

   AIRCRAFT

      MILITARY                                21          2         12         37         66
      CIVIL                                    1          0          1         33       1553
      COMMERCIAL                              25         55        511        571       1274
      TOTAL (AIRCRAFT)                        47         57        524        641       2893

   VESSELS

      GASOLINE                                 0          0          3         95        296
      TOTAL (VESSELS)                          0          0          3         95        296

   TOTAL (TRANSPORTATION)                  28556       3833      51705      44169     381543

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                           43          0         10         59        347
   FOREST MANAGED BURNING                     43          0          9         39        241
   STRUCTURAL FIRES                          246          0         29        184       1002
   GASOLINE STA EVAP LOSS                      0          0          0       4584          0
   SOLVENT EVAPORATION LOSS                    0          0          0      40945          0
   UNPAVED ROADS                           35190          0          0          0          0
   UNPAVED AIRSTRIPS                          22          0          0          0          0
   TOTAL (MISCELLANEOUS)                   35544          0         48      45811       1590

GRAND TOTAL
***********

   AREA SOURCES                            67480       7785      57452      92859     394886

   POINT SOURCES                           40755      82164      36444       7931      13807

   TOTAL                                  108235      89949      93896     100790     408693
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:34 NORTH CAROLINA  AQCR:171 WESTERN MOUNTAIN                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                58            667            418             22            117
         NATURAL GAS                    8              0             60              5             15
         WOOD                         761             15             31            153           5472
         TOTAL (RESIDENTIAL)          827            682            509            180           5604

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             1051          20675          13602            136            453
         DISTILLATE OIL                 0             20             14              0              2
         TOTAL (ELEC GEN)            1051          20695          13616            136            455

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              143            387            226              5             14
            POINT SOURCES              88           6072           4650             47            155
         RESIDUAL OIL
            POINT SOURCES             254           3042           1213             20            100
         DISTILLATE OIL
            AREA SOURCES                4             53             64              3              8
            POINT SOURCES               5            119             46              2             10
         NATURAL GAS
            AREA SOURCES               18              1            750            188             88
         WOOD
            AREA SOURCES                9              1             13              1              1
            POINT SOURCES              31              8             51             10             10
         TOTAL (INDUSTRIAL)
            AREA SOURCES              174            442           1053            197            111
            POINT SOURCES             378           9241           5960             79            275

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            POINT SOURCES               3             76             19              0              2
         DISTILLATE OIL
            AREA SOURCES                4             64             49              1             11
            POINT SOURCES               1             16              8              0              2
         NATURAL GAS
            AREA SOURCES                6              0             83              5             16
         WOOD
            AREA SOURCES                2              0              2              0              0
         TOTAL (COMM-INST)
            AREA SOURCES               12             64            134              6             27
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:36 OHIO AQCR:124 METROPOLITAN TOLEDO

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	1	3	0	0	10
DISTILLATE OIL	21	238	149	8	42
NATURAL GAS	103	6	826	83	206
WOOD	16	0	0	3	117
TOTAL (RESIDENTIAL)	141	247	975	94	375
ELEC GENERATION (POINT)					
BITUMINOUS COAL	1829	89760	18198	297	1005
RESIDUAL OIL	22	277	166	4	7
DISTILLATE OIL	0	29	20	1	3
PROCESS GAS	0	224	662	1	16
OTHER	2	2	5	2	2
TOTAL (ELEC GEN)	1853	90292	19051	305	1033
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	326	1896	434	13	28
POINT SOURCES	428	1113	623	31	67
RESIDUAL OIL					
POINT SOURCES	246	2543	1325	33	90
DISTILLATE OIL					
AREA SOURCES	6	60	73	4	10
POINT SOURCES	1	5	3	1	0
NATURAL GAS					
AREA SOURCES	60	4	3852	1212	487
POINT SOURCES	6	0	59	6	5
PROCESS GAS					
POINT SOURCES	28	2285	31	1	2
LIQUID PETROL GAS					
POINT SOURCES	1	1	1	1	1
TOTAL (INDUSTRIAL)					
AREA SOURCES	392	1960	4359	1229	525
POINT SOURCES	710	5947	2042	73	165
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	9	21	9	0	1
BITUMINOUS COAL					
POINT SOURCES	393	1757	265	17	34

```
*** N16 ***                                                                                          *** N16 ***
        DIESEL

            HEAVY DUTY VEHICLES             1254          613          6017          729          2066
            OFF HIGHWAY                      244          204          2469          363           730
            RAIL                              46          103           670          170           236
            TOTAL (DIESEL)                  1544          920          9156         1262          3032

    AIRCRAFT

        MILITARY                              40            4            24           72           129
        CIVIL                                  0            0             0           27          1218
        COMMERCIAL                             2            4            35           39            86
        TOTAL (AIRCRAFT)                      42            8            59          138          1433

    VESSELS

        GASOLINE                               0            2             7          314           984
        TOTAL (VESSELS)                        0            2             7          314           984

    TOTAL (TRANSPORTATION)                 13292         1567         24759        22792        198798

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          17            0             3           24           139
    STRUCTURAL FIRES                         138            0            16          105           561
    GASOLINE STA EVAP LOSS                     0            0             0         2278             0
    SOLVENT EVAPORATION LOSS                   0            0             0        34366             0
    UNPAVED ROADS                          43036            0             0            0             0
    UNPAVED AIRSTRIPS                         10            0             0            0             0
    TOTAL (MISCELLANEOUS)                  43201            0            19        36773           700

GRAND TOTAL
***********

    AREA SOURCES                           58462         4693         31348        63099        207827

    POINT SOURCES                          24160        34630          3601         3437          6696

    TOTAL                                  82622        39323         34949        66536        214523
```

```
*** N17 ***                                                                                              *** N17 ***
                AREA SOURCES                 125         346        1243         294         385
                POINT SOURCES               9983      424977       71305         712        2382

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 125         346        1243         294         385
                POINT SOURCES               9983      424977       71305         712        2382

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                    152        1584         547        2793       52901
   PRIMARY METAL                             606           0           0           0           0
   SECONDARY METALS                            1           0           0           0           4
   MINERAL PRODUCTS                           60           0           0           0           0
   ORGANIC SOLVENT EVAPORATION                 0           0           0         213           0
   TEXTILE MANUFACTURING                       8           0           0         200           0
   TOTAL (INDUSTRIAL)                        827        1584         547        3206       52905

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                   117           2           3         330         990
      OPEN BURNING                           168           6          43         226         718
      TOTAL (RESIDENTIAL)                    285           8          46         556        1708

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES                  28           8          13          16          39
      TOTAL (COMM-INST)
                AREA SOURCES                  28           8          13          16          39

   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES                  10           2           2          10          15
                POINT SOURCES                 16           8           2          16          22
      OPEN BURNING
                AREA SOURCES                   5           0           2           9          35
      TOTAL (INDUSTRIAL)
                AREA SOURCES                  15           2           4          19          50
                POINT SOURCES                 16           8           2          16          22

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 328          18          63         591        1797
                POINT SOURCES                 16           8           2          16          22

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES                2287         119        2945        3780       30982
         LIGHT DUTY TRUCKS                   603          44         984        1099        8028
         HEAVY DUTY VEHICLES                 149          16         562         575        7889
         OFF HIGHWAY                          14           7         141         507        5432
         TOTAL (GASOLINE)                   3053         186        4632        5961       52331

      DIESEL

         HEAVY DUTY VEHICLES                 260         132        1292         151         426
```

```
A01...STATE:27 MONTANA           AQCR:143
B01...STATE:27 MONTANA           AQCR:143
C01...STATE:27 MONTANA           AQCR:144
D01...STATE:27 MONTANA           AQCR:144
E01...STATE:27 MONTANA           AQCR:144
F01...STATE:27 MONTANA           AQCR:144
G01...STATE 28:NEBRASKA
H01...STATE 28:NEBRASKA
I01...STATE 28:NEBRASKA
J01...STATE 28:NEBRASKA
K01...STATE 28:NEBRASKA
L01...STATE:28 NEBRASKA          AQCR:085
M01...STATE:28 NEBRASKA          AQCR:085
N01...STATE:28 NEBRASKA          AQCR:085
O01...STATE:28 NEBRASKA          AQCR:085
A02...STATE:28 NEBRASKA          AQCR:086
B02...STATE:28 NEBRASKA          AQCR:086
C02...STATE:28 NEBRASKA          AQCR:086
D02...STATE:28 NEBRASKA          AQCR:086
E02...STATE:28 NEBRASKA          AQCR:145
F02...STATE:28 NEBRASKA          AQCR:145
G02...STATE:28 NEBRASKA          AQCR:145
H02...STATE:28 NEBRASKA          AQCR:145
I02...STATE:28 NEBRASKA          AQCR:146
J02...STATE:28 NEBRASKA          AQCR:146
K02...STATE:28 NEBRASKA          AQCR:146
L02...STATE:28 NEBRASKA          AQCR:146
M02...STATE:28 NEBRASKA          AQCR:146
N02...STATE 29:NEVADA
O02...STATE 29:NEVADA
A03...STATE 29:NEVADA
B03...STATE 29:NEVADA
C03...STATE:29 NEVADA            AQCR:013
D03...STATE:29 NEVADA            AQCR:013
E03...STATE:29 NEVADA            AQCR:013
F03...STATE:29 NEVADA            AQCR:013
G03...STATE:29 NEVADA            AQCR:147
H03...STATE:29 NEVADA            AQCR:147
I03...STATE:29 NEVADA            AQCR:147
J03...STATE:29 NEVADA            AQCR:147
K03...STATE:29 NEVADA            AQCR:148
L03...STATE:29 NEVADA            AQCR:148
M03...STATE:29 NEVADA            AQCR:148
N03...STATE:29 NEVADA            AQCR:148
O03...STATE 30:NEW HAMPSHIRE

A04...STATE 30:NEW HAMPSHIRE
B04...STATE 30:NEW HAMPSHIRE
C04...STATE 30:NEW HAMPSHIRE
D04...STATE:30 NEW HAMPSHIRE      AQCR:107
E04...STATE:30 NEW HAMPSHIRE      AQCR:107
F04...STATE:30 NEW HAMPSHIRE      AQCR:107
G04...STATE:30 NEW HAMPSHIRE      AQCR:107
H04...STATE:30 NEW HAMPSHIRE      AQCR:121
I04...STATE:30 NEW HAMPSHIRE      AQCR:121
J04...STATE:30 NEW HAMPSHIRE      AQCR:121
K04...STATE:30 NEW HAMPSHIRE      AQCR:121
L04...STATE:30 NEW HAMPSHIRE      AQCR:149
M04...STATE:30 NEW HAMPSHIRE      AQCR:149
N04...STATE:30 NEW HAMPSHIRE      AQCR:149
O04...STATE:30 NEW HAMPSHIRE      AQCR:149
A05...STATE 31:NEW JERSEY
B05...STATE 31:NEW JERSEY
C05...STATE 31:NEW JERSEY
D05...STATE 31:NEW JERSEY
E05...STATE 31:NEW JERSEY
F05...STATE:31 NEW JERSEY         AQCR:043
G05...STATE:31 NEW JERSEY         AQCR:043
H05...STATE:31 NEW JERSEY         AQCR:043
I05...STATE:31 NEW JERSEY         AQCR:043
J05...STATE:31 NEW JERSEY         AQCR:043
K05...STATE:31 NEW JERSEY         AQCR:045
L05...STATE:31 NEW JERSEY         AQCR:045
M05...STATE:31 NEW JERSEY         AQCR:045
N05...STATE:31 NEW JERSEY         AQCR:045
O05...STATE:31 NEW JERSEY         AQCR:045
A06...STATE:31 NEW JERSEY         AQCR:150
B06...STATE:31 NEW JERSEY         AQCR:150
C06...STATE:31 NEW JERSEY         AQCR:150
D06...STATE:31 NEW JERSEY         AQCR:150
E06...STATE:31 NEW JERSEY         AQCR:151
F06...STATE:31 NEW JERSEY         AQCR:151
G06...STATE:31 NEW JERSEY         AQCR:151
H06...STATE:31 NEW JERSEY         AQCR:151
I06...STATE 32:NEW MEXICO
J06...STATE 32:NEW MEXICO
K06...STATE 32:NEW MEXICO
L06...STATE 32:NEW MEXICO
M06...STATE 32:NEW MEXICO
N06...STATE:32 NEW MEXICO         AQCR:012
O06...STATE:32 NEW MEXICO         AQCR:012

A07...STATE:32 NEW MEXICO         AQCR:012
B07...STATE:32 NEW MEXICO         AQCR:012
C07...STATE:32 NEW MEXICO         AQCR:014
D07...STATE:32 NEW MEXICO         AQCR:014
E07...STATE:32 NEW MEXICO         AQCR:014
F07...STATE:32 NEW MEXICO         AQCR:014
G07...STATE:32 NEW MEXICO         AQCR:152
H07...STATE:32 NEW MEXICO         AQCR:152
I07...STATE:32 NEW MEXICO         AQCR:152
J07...STATE:32 NEW MEXICO         AQCR:152
K07...STATE:32 NEW MEXICO         AQCR:153
L07...STATE:32 NEW MEXICO         AQCR:153
M07...STATE:32 NEW MEXICO         AQCR:153
N07...STATE:32 NEW MEXICO         AQCR:153
O07...STATE:32 NEW MEXICO         AQCR:154
A08...STATE:32 NEW MEXICO         AQCR:154
B08...STATE:32 NEW MEXICO         AQCR:154
C08...STATE:32 NEW MEXICO         AQCR:154
D08...STATE:32 NEW MEXICO         AQCR:155
E08...STATE:32 NEW MEXICO         AQCR:155
F08...STATE:32 NEW MEXICO         AQCR:155
G08...STATE:32 NEW MEXICO         AQCR:155
H08...STATE:32 NEW MEXICO         AQCR:156
I08...STATE:32 NEW MEXICO         AQCR:156
J08...STATE:32 NEW MEXICO         AQCR:156
K08...STATE:32 NEW MEXICO         AQCR:156
L08...STATE:32 NEW MEXICO         AQCR:157
M08...STATE:32 NEW MEXICO         AQCR:157
N08...STATE:32 NEW MEXICO         AQCR:157
O08...STATE:32 NEW MEXICO         AQCR:157
A09...STATE 33:NEW YORK
B09...STATE 33:NEW YORK
C09...STATE 33:NEW YORK
D09...STATE 33:NEW YORK
E09...STATE 33:NEW YORK
F09...STATE:33 NEW YORK           AQCR:043
G09...STATE:33 NEW YORK           AQCR:043
H09...STATE:33 NEW YORK           AQCR:043
I09...STATE:33 NEW YORK           AQCR:043
J09...STATE:33 NEW YORK           AQCR:043
K09...STATE:33 NEW YORK           AQCR:158
L09...STATE:33 NEW YORK           AQCR:158
M09...STATE:33 NEW YORK           AQCR:158
N09...STATE:33 NEW YORK           AQCR:158
O09...STATE:33 NEW YORK           AQCR:159

FICHE/SEGMT     5    5 CKPT:    1, 2626, 1236,    2,  126
```

*** 001 ***

*** 001 ***

```
*** 002 ***                                                                                                    *** 002 ***
         TOTAL  (EXTERNAL COMB)
                    AREA SOURCES              661            813           3109            241           2919
                    POINT SOURCES           11050          46312          83260            720           2674

      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

            DISTILLATE OIL                      4              0             60              5             14
            NATURAL GAS                        43             18           1260            128            351
            TOTAL  (ELEC GEN)                  47             18           1320            133            365

         TOTAL  (INTERNAL COMB)                47             18           1320            133            365

      TOTAL  (FUEL COMBUSTION)

                    AREA SOURCES              661            813           3109            241           2919
                    POINT SOURCES           11097          46330          84580            853           3039

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING                    1           1508              1              0              0
      FOOD/AGRICULTURAL                        49              0              0              0              0
      PRIMARY METAL                          5382         282940             20              0              3
      MINERAL PRODUCTS                      21257           2305            585              0              0
      ORGANIC SOLVENT EVAPORATION               0              0              0           1182              0
      PETROLEUM STORAGE/TRANSPORT               0              0              0           2439              0
      OTHER/NOT CLASSIFIED                      4              0              0              0              0
      TOTAL  (INDUSTRIAL)                   26693         286753            606           3621              3

SOLID WASTE DISPOSAL
********************

      GOVERNMENT (POINT)

         MUNICIPAL INCINERATION                75             13             10             75            101
         OPEN BURNING                         104              6             39            195            552
         OTHER INCINERATION                     1              0              2              0              0
         TOTAL  (GOVERNMENT)                  180             19             51            270            653

      RESIDENTIAL (AREA)

         ON SITE INCINERATION                 587              7             17           1646           4941
         OPEN BURNING                         439             15            112            593           1877
         TOTAL  (RESIDENTIAL)                1026             22            129           2239           6818

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                    AREA SOURCES                2              0              1              1              3
                    POINT SOURCES               1              0              0              0              1
         TOTAL  (COMM-INST)
                    AREA SOURCES                2              0              1              1              3
                    POINT SOURCES               1              0              0              0              1

      TOTAL  (SOLID WASTE DISP)
                    AREA SOURCES             1028             22            130           2240           6821
                    POINT SOURCES             181             19             51            270            654

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

         GASOLINE
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 30:NEW HAMPSHIRE                                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES          SOX             NOX             HC              CO
                               ************     ************    ************    ************    ************
                                TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              9              19               0               0              67
            DISTILLATE OIL             271            3136            1959             108             544
            NATURAL GAS                 28               1             215              23              54
            WOOD                      2185              45              86             438           15723
            TOTAL (RESIDENTIAL)       2493            3201            2260             569           16388

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            392           53298           29670             162             539
            RESIDUAL OIL               920           83927           14960             503             859
            DISTILLATE OIL              10              37              10               4               4
            TOTAL (ELEC GEN)          1322          137262           44640             669            1402

        INDUSTRIAL FUEL

            ANTHRACITE COAL
                AREA SOURCES             8              21               9               0               0
                POINT SOURCES            0               1               0               0               1
            BITUMINOUS COAL
                POINT SOURCES           49              24              11               2               5
            RESIDUAL OIL
                POINT SOURCES         1316           17472            3201              54             269
            DISTILLATE OIL
                AREA SOURCES             2              36              44               1               6
                POINT SOURCES            2             146              28               1               7
            NATURAL GAS
                AREA SOURCES            12               0             205               1              20
                POINT SOURCES            1               0             103               0               2
            PROCESS GAS
                POINT SOURCES            0               4               0               0               0
            COKE
                AREA SOURCES             7              21               3               0               1
            WOOD
                POINT SOURCES          319              12              93              18              18
            LIQUID PETROL GAS
                POINT SOURCES            0               0               1               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            29              78             261               2              27
                POINT SOURCES         1687           17659            3437              75             302

        COMM-INSTITUTIONAL FUEL
```

```
*** 006 ***                                                                                      *** 006 ***
                NATURAL GAS                     62          1       5952       2151        461
                TOTAL (INDUSTRIAL)             116         51       6711       2212        626

          TOTAL (INTERNAL COMB)                116         51       6711       2212        626

      TOTAL (FUEL COMBUSTION)

                     AREA SOURCES               89         97        140         18        354
                     POINT SOURCES             642       1377       9395       2224        705

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING                   250        400          0          0          0
      PRIMARY METAL                           3519     247000          0          0          0
      MINERAL PRODUCTS                        4490         16          0          0          0
      PETROLEUM INDUSTRY                         1          0         12          0          1
      TOTAL (INDUSTRIAL)                      8260     247416         12          0          1

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

           ON SITE INCINERATION                 12          0          0         36        108
           OPEN BURNING                         56          2         15         77        245
           TOTAL (RESIDENTIAL)                  68          2         15        113        353

      COMMERCIAL-INSTITUTIONAL

           ON SITE INCINERATION
                     AREA SOURCES                5          1          3          3          8
           OPEN BURNING
                     AREA SOURCES                4          0          1          9         21
           TOTAL (COMM-INST)
                     AREA SOURCES                9          1          4         12         29

      INDUSTRIAL

           ON SITE INCINERATION
                     AREA SOURCES                3          0          0          3          4
           TOTAL (INDUSTRIAL)
                     AREA SOURCES                3          0          0          3          4

      TOTAL (SOLID WASTE DISP)
                     AREA SOURCES               80          3         19        128        386

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

           GASOLINE

                LIGHT DUTY VEHICLES           1127         51        900       2344      25024
                LIGHT DUTY TRUCKS              589         37        588       1405      13889
                HEAVY DUTY VEHICLES             47          5        107        225       3847
                OFF HIGHWAY                      3          2         36        130       1394
                TOTAL (GASOLINE)              1766         95       1631       4104      44154

           DIESEL

                HEAVY DUTY VEHICLES            214        105       1000        246        564
                OFF HIGHWAY                     37         32        385         57        114
                RAIL                            46        104        675        172        237
                TOTAL (DIESEL)                 297        241       2060        475        915
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       *******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                      AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:32 NEW MEXICO      AQCR:154 NORTHEASTERN PLAINS           POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX           NOX            HC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 5              8             1             5            21
         DISTILLATE OIL                  0              3             1             0             0
         NATURAL GAS                     9              0            67             7            18
         WOOD                          556             10            23           111          4005
         TOTAL (RESIDENTIAL)           570             21            92           123          4044

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               233            143           141             9            19
         TOTAL (ELEC GEN)              233            143           141             9            19

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                22             63            33             0             2
         NATURAL GAS
            AREA SOURCES                 0              0             2             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                22             63            35             0             2

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES                 0              7             4             0             1
         NATURAL GAS
            AREA SOURCES                 2              0            45             2             8
         TOTAL (COMM-INST)
            AREA SOURCES                 2              7            49             2             9

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               594             91           176           125          4055
            POINT SOURCES              233            143           141             9            19

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                  2             10            27             2             6
         NATURAL GAS                     1              0            34             4            10
         TOTAL (ELEC GEN)                3             10            61             6            16

      INDUSTRIAL FUEL
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

                                                                                RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:33 NEW YORK       AQCR:159 CHAMPLAIN VALLEY

                                        PARTICULATES         SOX               NOX               HC                CO
                                        ************     ************      ************      ************      ************
                                         TONS / YR        TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                   10                28                 3                 3                94
            DISTILLATE OIL                    67               781               487                26               137
            NATURAL GAS                       19                 0               147                15                37
            WOOD                            1340                27                53               268              9648
            TOTAL (RESIDENTIAL)             1436               836               690               312              9916

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES                 35               227                47                 1                 3
            RESIDUAL OIL
                AREA SOURCES                 122               891               420                 6                34
                POINT SOURCES               1710             26886              5232                87               436
            DISTILLATE OIL
                AREA SOURCES                  22               213               258                13                36
                POINT SOURCES                  0                52                 6                 0                 1
            NATURAL GAS
                AREA SOURCES                   7                 0               273                60                32
                POINT SOURCES                  2                 0               100                 1                 4
            WOOD
                POINT SOURCES                148                26               174                35                35
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 151              1104               951                79               102
                POINT SOURCES               1895             27191              5559               124               479

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES                   9                20                 9                 0                 0
            BITUMINOUS COAL
                POINT SOURCES               1589               836               183                12                24
            RESIDUAL OIL
                AREA SOURCES                  79               598               283                 4                24
                POINT SOURCES                423              5616              1068                18                89
            DISTILLATE OIL
                AREA SOURCES                   6                93                70                 3                16
                POINT SOURCES                 12               709                99                 4                22
            NATURAL GAS
                AREA SOURCES                   8                 0                89                 4                15
                POINT SOURCES                  1                 0                10                 1                 2
            TOTAL (COMM-INST)
                AREA SOURCES                 102               711               451                11                55
```

```
*** 011 ***                                                                                       *** 011 ***
          NATURAL GAS
              AREA SOURCES                 25           1          319          22           52
              POINT SOURCES                 1           0           22           0            2
          WOOD
              AREA SOURCES                  7           0            7           0            0
          TOTAL  (COMM-INST)
              AREA SOURCES                 48         223          496          28           90
              POINT SOURCES                53         824          220           6           29

      TOTAL  (EXTERNAL COMB)
              AREA SOURCES               2642        4186         5535        1000        11729
              POINT SOURCES             38043       94876        47159        1115         2857

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    0           1            3           0            1
          NATURAL GAS                       1           0           33           3            9
          TOTAL  (ELEC GEN)                 1           1           36           3           10

      TOTAL  (INTERNAL COMB)                1           1           36           3           10

   TOTAL  (FUEL COMBUSTION)

              AREA SOURCES               2642        4186         5535        1000        11729
              POINT SOURCES             38044       94877        47195        1118         2867

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  90           7           45         784            0
   FOOD/AGRICULTURAL                      340          56           15         225            3
   PRIMARY METAL                            6           1            3           0            0
   SECONDARY METALS                        89          11            0          28          378
   MINERAL PRODUCTS                      6085           2           85           8           10
   WOOD PRODUCTS                         1121           0            0           7            0
   ORGANIC SOLVENT EVAPORATION              0           0            0       24927            0
   PETROLEUM STORAGE/TRANSPORT              0           0            0        8562            0
   METAL FABRICATION                        3           0            0          89            0
   TEXTILE MANUFACTURING                  185           0            5        2966            0
   OTHER/NOT CLASSIFIED                     1           0            0         102            0
   TOTAL  (INDUSTRIAL)                   7920          77          153       37698          391

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       OTHER INCINERATION                  91           1            5           1            0
       TOTAL  (GOVERNMENT)                 91           1            5           1            0

   RESIDENTIAL (AREA)

       OPEN BURNING                      2308          86          591        3113         9876
       TOTAL  (RESIDENTIAL)              2308          86          591        3113         9876

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES                140          43           66          81          190
              POINT SOURCES                 0           0            0           0            1
       OPEN BURNING
              AREA SOURCES                  3           0            0           6           12
       TOTAL  (COMM-INST)
              AREA SOURCES                143          43           66          87          202
```

```
*** 013 ***                                                                                          *** 013 ***
               POINT SOURCES                      4           92           27            0            4

      TOTAL (EXTERNAL COMB)
               AREA SOURCES                    1013         1188         1696          383         5742
               POINT SOURCES                   1433        30028        19603          215          734

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES                    1013         1188         1696          383         5742
               POINT SOURCES                   1433        30028        19603          215          734

INDUSTRIAL PROCESS (POINT)
***************************

   FOOD/AGRICULTURAL                              7            0            0            0            0
   MINERAL PRODUCTS                             668            2           27            3            7
   WOOD PRODUCTS                                563         3650            0            0        43800
   ORGANIC SOLVENT EVAPORATION                    0            0            0            2            0
   OTHER/NOT CLASSIFIED                           8            0            0            0            0
   TOTAL (INDUSTRIAL)                          1246         3652           27            5        43807

SOLID WASTE DISPOSAL
**********************

   RESIDENTIAL (AREA)

      OPEN BURNING                             1031           37          264         1390         4406
      TOTAL (RESIDENTIAL)                      1031           37          264         1390         4406

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                         29            7           14           16           41
            POINT SOURCES                         4            1            1            3            6
      TOTAL (COMM-INST)
            AREA SOURCES                         29            7           14           16           41
            POINT SOURCES                         4            1            1            3            6

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                         30            6            6           28           41
      OPEN BURNING
            AREA SOURCES                          1            0            0            1            5
      TOTAL (INDUSTRIAL)
            AREA SOURCES                         31            6            6           29           46

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                       1091           50          284         1435         4493
            POINT SOURCES                         4            1            1            3            6

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES                   6797          332         8087        11150        91117
         LIGHT DUTY TRUCKS                     2147          149         3358         4054        29332
         HEAVY DUTY VEHICLES                    466           47         1629         1808        24591
         OFF HIGHWAY                             32           16          299         1071        11502
         TOTAL (GASOLINE)                      9442          544        13373        18083       156542

      DIESEL
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                               AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
*************************                                           POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE 36:OHIO

                              PARTICULATES          SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL               59              178                8                6              609
            DISTILLATE OIL               409             4724             2948              160              823
            NATURAL GAS                 1943              107            15522             1556             3886
            WOOD                        1302               18               49              266             9324
            TOTAL (RESIDENTIAL)         3713             5027            18527             1988            14642

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           237197          2502547           496085             7152            24648
            RESIDUAL OIL                 611             9431             5109               58              236
            DISTILLATE OIL                35             1017             1791               32              124
            NATURAL GAS                   67               10             1058               13               35
            PROCESS GAS                    0              224              662                1               16
            OTHER                          4                3               19                5                4
            TOTAL (ELEC GEN)          237914          2513232           504724             7261            25063

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            5554            32377             7415              219              482
                POINT SOURCES          76462           264831            56055             1382             3747
            RESIDUAL OIL
                POINT SOURCES           1599            19595             7741              182              586
            DISTILLATE OIL
                AREA SOURCES             104             1063             1301               63              187
                POINT SOURCES            235             8165             2065              108              398
            NATURAL GAS
                AREA SOURCES            1031               52            66216            20835             8386
                POINT SOURCES            565              122            10886              399              909
            PROCESS GAS
                POINT SOURCES           1435            18158               31                1                2
            COKE
                POINT SOURCES           1092              767               59                0                5
            WOOD
                POINT SOURCES             34               43              296               58               58
            LIQUID PETROL GAS
                POINT SOURCES              1                1                1                1                1
            OTHER
                POINT SOURCES             10                6                0                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            6689            33492            74932            21117             9055
                POINT SOURCES          81433           311688            77134             2131             5706
```

```
         RESIDUAL OIL
             AREA SOURCES              20           135           73            1            6
             POINT SOURCES             15           207          184            9           15
         DISTILLATE OIL
             AREA SOURCES               7            94           73            4           17
         NATURAL GAS
             AREA SOURCES              46             2          555           37           93
             POINT SOURCES              1             0           18            2            2
         TOTAL (COMM-INST)
             AREA SOURCES              82           252          710           42          117
             POINT SOURCES            409          1964          467           28           51

     TOTAL (EXTERNAL COMB)
             AREA SOURCES             615          2459         6044         1365         1017
             POINT SOURCES           2972         98203        21560          406         1249

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES             615          2459         6044         1365         1017
             POINT SOURCES           2972         98203        21560          406         1249

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              27          5111            0          781         8602
   FOOD/AGRICULTURAL                 3888             0            2            0            0
   PRIMARY METAL                     1235           390            7          820         1808
   SECONDARY METALS                    20             0            1            0            0
   MINERAL PRODUCTS                  1507          2781         2135            6           14
   PETROLEUM INDUSTRY                 649         11084         4501         2316          219
   WOOD PRODUCTS                       28             0            0            0            0
   ORGANIC SOLVENT EVAPORATION          0             0            0         4409            0
   PETROLEUM STORAGE/TRANSPORT          0             0            0         2904            0
   METAL FABRICATION                    2             0            0            0            0
   TEXTILE MANUFACTURING                6             0            0         1577            0
   TOTAL (INDUSTRIAL)                7362         19366         6646        12813        10643

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION           467             7           14         1312         3938
       OPEN BURNING                   659            25          168          889         2820
       TOTAL (RESIDENTIAL)           1126            32          182         2201         6758

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES             110            34           52           64          150
       OPEN BURNING
             AREA SOURCES               3             0            1            7           17
       TOTAL (COMM-INST)
             AREA SOURCES             113            34           53           71          167

   INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES              86            18           18           77          115
       OPEN BURNING
             AREA SOURCES              46             2           16           80          279
       TOTAL (INDUSTRIAL)
             AREA SOURCES             132            20           34          157          394

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES            1371            86          269         2429         7319
```

```
          OFF HIGHWAY                  58          49         584          85         173
          RAIL                         14          32         205          52          72
          TOTAL (DIESEL)              332         213        2081         288         671

    AIRCRAFT

       CIVIL                            0           0           0           4         200
       TOTAL (AIRCRAFT)                 0           0           0           4         200

    VESSELS

       DIESEL FUEL                     31          37         284          74          99
       GASOLINE                         0           1           4         157         493
       TOTAL (VESSELS)                 31          38         288         231         592

    TOTAL (TRANSPORTATION)           3416         437        7001        6484       53794

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   29           0           7          41         242
    STRUCTURAL FIRES                   42           0           5          31         168
    GASOLINE STA EVAP LOSS              0           0           0         703           0
    SOLVENT EVAPORATION LOSS            0           0           0        4011           0
    UNPAVED ROADS                   34579           0           0           0           0
    UNPAVED AIRSTRIPS                   2           0           0           0           0
    TOTAL (MISCELLANEOUS)           34652           0          12        4786         410

GRAND TOTAL
***********

    AREA SOURCES                    38521         801        8319       12155       56386

    POINT SOURCES                   10826      426569       71854        3934       55309

    TOTAL                           49347      427370       80173       16089      111695
```

```
A10...STATE:33 NEW YORK            AQCR:159
B10...STATE:33 NEW YORK            AQCR:159
C10...STATE:33 NEW YORK            AQCR:159
D10...STATE:33 NEW YORK            AQCR:160
E10...STATE:33 NEW YORK            AQCR:160
F10...STATE:33 NEW YORK            AQCR:160
G10...STATE:33 NEW YORK            AQCR:160
H10...STATE:33 NEW YORK            AQCR:161
I10...STATE:33 NEW YORK            AQCR:161
J10...STATE:33 NEW YORK            AQCR:161
K10...STATE:33 NEW YORK            AQCR:161
L10...STATE:33 NEW YORK            AQCR:162
M10...STATE:33 NEW YORK            AQCR:162
N10...STATE:33 NEW YORK            AQCR:162
O10...STATE:33 NEW YORK            AQCR:162
A11...STATE:33 NEW YORK            AQCR:163
B11...STATE:33 NEW YORK            AQCR:163
C11...STATE:33 NEW YORK            AQCR:163
D11...STATE:33 NEW YORK            AQCR:163
E11...STATE:33 NEW YORK            AQCR:164
F11...STATE:33 NEW YORK            AQCR:164
G11...STATE:33 NEW YORK            AQCR:164
H11...STATE:33 NEW YORK            AQCR:164
I11...STATE 34:NORTH CAROLINA
J11...STATE 34:NORTH CAROLINA
K11...STATE 34:NORTH CAROLINA
L11...STATE 34:NORTH CAROLINA
M11...STATE 34:NORTH CAROLINA
N11...STATE:34 NORTH CAROLINA      AQCR:136
O11...STATE:34 NORTH CAROLINA      AQCR:136
A12...STATE:34 NORTH CAROLINA      AQCR:136
B12...STATE:34 NORTH CAROLINA      AQCR:136
C12...STATE:34 NORTH CAROLINA      AQCR:136
D12...STATE:34 NORTH CAROLINA      AQCR:165
E12...STATE:34 NORTH CAROLINA      AQCR:165
F12...STATE:34 NORTH CAROLINA      AQCR:165
G12...STATE:34 NORTH CAROLINA      AQCR:165
H12...STATE:34 NORTH CAROLINA      AQCR:166
I12...STATE:34 NORTH CAROLINA      AQCR:166
J12...STATE:34 NORTH CAROLINA      AQCR:166
K12...STATE:34 NORTH CAROLINA      AQCR:166
L12...STATE:34 NORTH CAROLINA      AQCR:167
M12...STATE:34 NORTH CAROLINA      AQCR:167
N12...STATE:34 NORTH CAROLINA      AQCR:167
O12...STATE:34 NORTH CAROLINA      AQCR:167

A13...STATE:34 NORTH CAROLINA  AQCR:168
B13...STATE:34 NORTH CAROLINA  AQCR:168
C13...STATE:34 NORTH CAROLINA  AQCR:168
D13...STATE:34 NORTH CAROLINA  AQCR:168
E13...STATE:34 NORTH CAROLINA  AQCR:169
F13...STATE:34 NORTH CAROLINA  AQCR:169
G13...STATE:34 NORTH CAROLINA  AQCR:169
H13...STATE:34 NORTH CAROLINA  AQCR:169
I13...STATE:34 NORTH CAROLINA  AQCR:170
J13...STATE:34 NORTH CAROLINA  AQCR:170
K13...STATE:34 NORTH CAROLINA  AQCR:170
L13...STATE:34 NORTH CAROLINA  AQCR:170
M13...STATE:34 NORTH CAROLINA  AQCR:170
N13...STATE:34 NORTH CAROLINA  AQCR:171
O13...STATE:34 NORTH CAROLINA  AQCR:171
A14...STATE:34 NORTH CAROLINA  AQCR:171
B14...STATE:34 NORTH CAROLINA  AQCR:171
C14...STATE 35:NORTH DAKOTA
D14...STATE 35:NORTH DAKOTA
E14...STATE 35:NORTH DAKOTA
F14...STATE 35:NORTH DAKOTA
G14...STATE:35 NORTH DAKOTA    AQCR:130
H14...STATE:35 NORTH DAKOTA    AQCR:130
I14...STATE:35 NORTH DAKOTA    AQCR:130
J14...STATE:35 NORTH DAKOTA    AQCR:130
K14...STATE:35 NORTH DAKOTA    AQCR:172
L14...STATE:35 NORTH DAKOTA    AQCR:172
M14...STATE:35 NORTH DAKOTA    AQCR:172
N14...STATE:35 NORTH DAKOTA    AQCR:172
O14...STATE 36:OHIO
A15...STATE 36:OHIO
B15...STATE 36:OHIO
C15...STATE 36:OHIO
D15...STATE 36:OHIO
E15...STATE:36 OHIO            AQCR:079
F15...STATE:36 OHIO            AQCR:079
G15...STATE:36 OHIO            AQCR:079
H15...STATE:36 OHIO            AQCR:079
I15...STATE:36 OHIO            AQCR:079
J15...STATE:36 OHIO            AQCR:103
K15...STATE:36 OHIO            AQCR:103
L15...STATE:36 OHIO            AQCR:103
M15...STATE:36 OHIO            AQCR:103
N15...STATE:36 OHIO            AQCR:124
O15...STATE:36 OHIO            AQCR:124

A16...STATE:36 OHIO                AQCR:124
B16...STATE:36 OHIO                AQCR:124
C16...STATE:36 OHIO                AQCR:173
D16...STATE:36 OHIO                AQCR:173
E16...STATE:36 OHIO                AQCR:173
F16...STATE:36 OHIO                AQCR:173
G16...STATE:36 OHIO                AQCR:174
H16...STATE:36 OHIO                AQCR:174
I16...STATE:36 OHIO                AQCR:174
J16...STATE:36 OHIO                AQCR:174
K16...STATE:36 OHIO                AQCR:174
L16...STATE:36 OHIO                AQCR:175
M16...STATE:36 OHIO                AQCR:175
N16...STATE:36 OHIO                AQCR:175
O16...STATE:36 OHIO                AQCR:175
A17...STATE:36 OHIO                AQCR:176
B17...STATE:36 OHIO                AQCR:176
C17...STATE:36 OHIO                AQCR:176
D17...STATE:36 OHIO                AQCR:176
E17...STATE:36 OHIO                AQCR:177
F17...STATE:36 OHIO                AQCR:177
G17...STATE:36 OHIO                AQCR:177
H17...STATE:36 OHIO                AQCR:177
I17...STATE:36 OHIO                AQCR:178
J17...STATE:36 OHIO                AQCR:178
K17...STATE:36 OHIO                AQCR:178
L17...STATE:36 OHIO                AQCR:178
M17...STATE:36 OHIO                AQCR:179
N17...STATE:36 OHIO                AQCR:179
O17...STATE:36 OHIO                AQCR:179
A18...STATE:36 OHIO                AQCR:179
B18...STATE:36 OHIO                AQCR:180
C18...STATE:36 OHIO                AQCR:180
D18...STATE:36 OHIO                AQCR:180
E18...STATE:36 OHIO                AQCR:180
F18...STATE:36 OHIO                AQCR:181
G18...STATE:36 OHIO                AQCR:181
H18...STATE:36 OHIO                AQCR:181
I18...STATE:36 OHIO                AQCR:181
J18...STATE:36 OHIO                AQCR:182
K18...STATE:36 OHIO                AQCR:182
L18...STATE:36 OHIO                AQCR:182
M18...STATE:36 OHIO                AQCR:182
```

```
FICHE/SEGMT     5    5 CKPT:    1, 2626, 1236,    2,  126
```

```
*** A01 ***                                                                                          *** A01 ***

                                       NATIONAL EMISSIONS DATA SYSTEM
                                      ********************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                     **********************************

                                                                    RUN DATE:   TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
*****************************                             POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981
STATE:36 OHIO          AQCR:183 ZANESVILLE-CAMBRIDGE

                               PARTICULATES         SOX            NOX             HC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                7              19              1              0             66
         DISTILLATE OIL                14             145             90              5             24
         NATURAL GAS                   48               2            382             38             96
         WOOD                          19               0              0              4            135
         TOTAL (RESIDENTIAL)           88             166            473             47            321

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            41085          241889          32289            627           2072
         DISTILLATE OIL                 1              24             56              1              2
         TOTAL (ELEC GEN)           41086          241913          32345            628           2074

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             254            1484            340             10             22
             POINT SOURCES            783            6344            510             32             75
         RESIDUAL OIL
             POINT SOURCES            108            1453            476              7             38
         DISTILLATE OIL
             AREA SOURCES               3              38             46              2              6
             POINT SOURCES             10             182            133              5             30
         NATURAL GAS
             AREA SOURCES              49               2           3209           1009            407
             POINT SOURCES              9               1            502              2             18
         TOTAL (INDUSTRIAL)
             AREA SOURCES             306            1524           3595           1021            435
             POINT SOURCES            910            7980           1621             46            161

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES              14              31             14              0              0
         BITUMINOUS COAL
             POINT SOURCES           2663            3253            332             19             69
         RESIDUAL OIL
             AREA SOURCES               6              50             27              0              2
         DISTILLATE OIL
             AREA SOURCES               2              37             27              0              6
         NATURAL GAS
             AREA SOURCES              15               0            178             12             30
         TOTAL (COMM-INST)
```

```
                                                                                                   *** A03 ***
*** A03 ***
      GASOLINE                           0            2            8           313          984
      TOTAL (VESSELS)                    0            2            8           313          984

   TOTAL (TRANSPORTATION)             4429          741        10704          9029        74608

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   3253           30          767          4593        26803
   STRUCTURAL FIRES                     36            0            3            27          144
   GASOLINE STA EVAP LOSS                0            0            0          1291            0
   SOLVENT EVAPORATION LOSS              0            0            0          2091            0
   UNPAVED ROADS                    197026            0            0             0            0
   UNPAVED AIRSTRIPS                     2            0            0             0            0
   TOTAL (MISCELLANEOUS)            200317           30          770          8002        26947

GRAND TOTAL
***********

   AREA SOURCES                     205346         1203        20151         20840       105074

   POINT SOURCES                      2439           39         6816           199          269

   TOTAL                            207785         1242        26967         21039       105343
```

```
*** A04 ***                                                                                              *** A04 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                               RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:38 OREGON          AQCR:190 CENTRAL OREGON

                                 PARTICULATES          SOX             NOX             HC              CO
                                 ************     ************    ************    ************    ************
                                  TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                3                8               0               3              14
            DISTILLATE OIL                10              305              76               3              22
            NATURAL GAS                   10                0              66               6              16
            WOOD                         502               11              21             101            3609
            TOTAL (RESIDENTIAL)          525              324             163             113            3661

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               0                2               0               0               0
            RESIDUAL OIL
                POINT SOURCES             94              356              89               0               6
            DISTILLATE OIL
                AREA SOURCES              10              254             123               5              17
            NATURAL GAS
                AREA SOURCES               2                0             457             178              61
                POINT SOURCES              0                1              42               0               1
            WOOD
                POINT SOURCES           2752                0            5643            1119            1118
            LIQUID PETROL GAS
                POINT SOURCES              0                0               2               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES              12              256             580             183              78
                POINT SOURCES           2846              357            5776            1119            1125

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               2                3               1               0               0
            RESIDUAL OIL
                AREA SOURCES              22              254              81               0               7
            DISTILLATE OIL
                AREA SOURCES               3              158              49               2               9
                POINT SOURCES              3               37              17               0               0
            NATURAL GAS
                AREA SOURCES               4                0              59               2              10
            TOTAL (COMM-INST)
                AREA SOURCES              31              415             190               4              26
                POINT SOURCES              3               37              17               0               0

        TOTAL (EXTERNAL COMB)
                AREA SOURCES             568              995             933             300            3765
                POINT SOURCES           2849              394            5793            1119            1125
```

```
*** A05 ***
    UNPAVED AIRSTRIPS                          142            0            0            0            0
    TOTAL (MISCELLANEOUS)                   536412          103         3258        75442       102460

GRAND TOTAL
***********

    AREA SOURCES                            598925        20235       115428       176543       860245

    POINT SOURCES                            20802        16197        19638        19625        19355

    TOTAL                                   619727        36432       135066       196168       879600
```

```
*** A08 ***                                                                                          *** A08 ***
     TOTAL (EXTERNAL COMB)
               AREA SOURCES          652         11746          3515            91           499
               POINT SOURCES       27566        241488         67061          1958          7678

   INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL              2129         13642         31384           592          1625
        TOTAL (ELEC GEN)            2129         13642         31384           592          1625

     INDUSTRIAL FUEL

        DISTILLATE OIL                32           182           441            36            98
        NATURAL GAS                   50             6         13118            40          1760
        TOTAL (INDUSTRIAL)            82           188         13559            76          1858

     TOTAL (INTERNAL COMB)          2211         13830         44943           668          3483

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES          652         11746          3515            91           499
               POINT SOURCES       29777        255318        112004          2626         11161

 INDUSTRIAL PROCESS (POINT)
 **************************

   CHEMICAL MANUFACTURING            156            63             0          1030             0
   FOOD/AGRICULTURAL                 458             0             0             0             1
   PRIMARY METAL                      83           128             0             0           162
   SECONDARY METALS                  441           149           141             6             8
   MINERAL PRODUCTS                24078          7665          1826             0             0
   PETROLEUM INDUSTRY               4991         42598         15294          2360         94248
   ORGANIC SOLVENT EVAPORATION         0             0             0          1332             0
   PETROLEUM STORAGE/TRANSPORT         0             0             0         13735             0
   OTHER/NOT CLASSIFIED               57          8413             0            14             0
   TOTAL (INDUSTRIAL)              30264         59016         17261         18477         94419

 SOLID WASTE DISPOSAL
 ********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION           0             1             1             0            10
      OPEN BURNING                     2             0             1             3             9
      OTHER INCINERATION              42             8            42             8             0
      TOTAL (GOVERNMENT)              44             9            44            11            19

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
               POINT SOURCES         190            58           129           363           609
      TOTAL (COMM-INST)
               POINT SOURCES         190            58           129           363           609

   INDUSTRIAL

      ON SITE INCINERATION
               POINT SOURCES          11             3             1            30            19
      OPEN BURNING
               POINT SOURCES         191            11            67           334           951
      TOTAL (INDUSTRIAL)
               POINT SOURCES         202            14            68           364           970

   TOTAL (SOLID WASTE DISP)
               POINT SOURCES         436            81           241           738          1598
```

```
       TOTAL (DIESEL)                   546        366        3530        461       1095

   AIRCRAFT

      MILITARY                          416         39         250        740       1332
      CIVIL                               0          0           0          5        222
      TOTAL (AIRCRAFT)                  416         39         250        745       1554

   VESSELS

      GASOLINE                            0         13          51       2077       6526
      TOTAL (VESSELS)                     0         13          51       2077       6526

   TOTAL (TRANSPORTATION)              4178        636        9071       9829      63200

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     270          2          63        381       2221
   FOREST MANAGED BURNING              1107          8         222        997       6198
   STRUCTURAL FIRES                      45          0           6         33        184
   GASOLINE STA EVAP LOSS                 0          0           0        978          0
   SOLVENT EVAPORATION LOSS               0          0           0       4796          0
   UNPAVED ROADS                      13489          0           0          0          0
   TOTAL (MISCELLANEOUS)              14911         10         291       7185       8603

GRAND TOTAL
***********

   AREA SOURCES                       20364        843        9865      18154      79615

   POINT SOURCES                       1532       4286        1962       3774       2523

   TOTAL                              21896       5129       11827      21928      82138
```

```
*** A11 ***                                                                                          *** A11 ***
          TOTAL (COMM-INST)
             AREA SOURCES                44          330          420           25           74
             POINT SOURCES              143          261          143            9           18

       TOTAL (EXTERNAL COMB)
             AREA SOURCES               538          944         2620          519         3101
             POINT SOURCES             2535        28508         9547          210          726

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES               538          944         2620          519         3101
             POINT SOURCES             2535        28508         9547          210          726

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               73            0            0          708         3262
    SECONDARY METALS                   1302            0            2            0          393
    MINERAL PRODUCTS                    725            1           22            4            5
    WOOD PRODUCTS                         5            0            0            0            0
    ORGANIC SOLVENT EVAPORATION           0            0            0          965            0
    PETROLEUM STORAGE/TRANSPORT           0            0            0          514            0
    METAL FABRICATION                     2            0            0            0            0
    TEXTILE MANUFACTURING                 2            0            0          799            0
    OTHER/NOT CLASSIFIED                 11            0            0            9          104
    TOTAL (INDUSTRIAL)                 2120            1           24         2999         3764

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            454            7           14         1277         3831
        OPEN BURNING                    875           33          223         1179         3740
        TOTAL (RESIDENTIAL)            1329           40          237         2456         7571

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
             AREA SOURCES                10            0            3           22           55
        TOTAL (COMM-INST)
             AREA SOURCES                10            0            3           22           55

    INDUSTRIAL

        ON SITE INCINERATION
             POINT SOURCES               54           19           19          162          684
        OPEN BURNING
             AREA SOURCES                20            0            6           32          120
        TOTAL (INDUSTRIAL)
             AREA SOURCES                20            0            6           32          120
             POINT SOURCES               54           19           19          162          684

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES              1359           40          246         2510         7746
             POINT SOURCES               54           19           19          162          684

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       15930          727        17382        24535       203025
            LIGHT DUTY TRUCKS          2986          192         4303         5551        40610
```

```
                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

STATE/AQCR EMISSIONS REPORT                                                    RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:43 SOUTH DAKOTA    AQCR:086 METROPOLITAN SIOUX CITY        POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                               PARTICULATES        SOX            NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0              4              3              0              1
         NATURAL GAS                   2              0             14              1              4
         WOOD                         16              0              1              3            117
         TOTAL (RESIDENTIAL)          18              4             18              4            122

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               8             22             12              0              1
         DISTILLATE OIL
            AREA SOURCES               0              1              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               8             23             13              0              1

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               0              2              1              0              0
         DISTILLATE OIL
            AREA SOURCES               0              1              1              0              0
         NATURAL GAS
            AREA SOURCES               1              0              7              0              1
         TOTAL (COMM-INST)
            AREA SOURCES               1              3              9              0              1

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              27             30             40              4            124

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              27             30             40              4            124

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                 230              0              0              0              0
   TOTAL (INDUSTRIAL)                230              0              0              0              0

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT

STATE 44:TENNESSEE

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	21	297	185	5	44
NATURAL GAS	254	6	2048	203	517
WOOD	1591	24	58	328	11367
TOTAL (RESIDENTIAL)	1866	327	2291	536	11928
ELEC GENERATION (POINT)					
BITUMINOUS COAL	59131	904490	215308	3953	9956
RESIDUAL OIL	7	185	0	0	0
DISTILLATE OIL	27	1007	793	37	180
TOTAL (ELEC GEN)	59165	905682	216101	3990	10136
INDUSTRIAL FUEL					
BITUMINOUS COAL					
POINT SOURCES	23049	111218	34071	1553	6879
RESIDUAL OIL					
POINT SOURCES	1534	32220	4036	620	2132
DISTILLATE OIL					
POINT SOURCES	278	4678	1116	59	251
NATURAL GAS					
AREA SOURCES	79	2	6607	2206	869
POINT SOURCES	1628	837	12997	459	641
PROCESS GAS					
AREA SOURCES	5	20	22	0	1
POINT SOURCES	393	858	8	72	1
WOOD					
POINT SOURCES	5373	3069	5003	9878	7790
LIQUID PETROL GAS					
POINT SOURCES	0	1	8	0	0
OTHER					
POINT SOURCES	35	44	50	4	9
TOTAL (INDUSTRIAL)					
AREA SOURCES	84	22	6629	2206	870
POINT SOURCES	32290	152925	57289	12645	17703
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	356	859	373	0	26
POINT SOURCES	3	1	13	0	1
BITUMINOUS COAL					

HEAVY DUTY VEHICLES	1328	529	4882	717	2108
OFF HIGHWAY	117	98	1186	174	351
RAIL	83	190	1234	313	434
TOTAL (DIESEL)	1528	817	7302	1204	2893
AIRCRAFT					
CIVIL	1	0	1	12	564
TOTAL (AIRCRAFT)	1	0	1	12	564
VESSELS					
DIESEL FUEL	21	27	200	53	70
GASOLINE	0	3	10	420	1320
TOTAL (VESSELS)	21	30	210	473	1390
TOTAL (TRANSPORTATION)	9034	1121	13988	12233	106750
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	93	1	22	131	763
FOREST MANAGED BURNING	53	0	11	48	296
STRUCTURAL FIRES	73	0	9	54	296
GASOLINE STA EVAP LOSS	0	0	0	1853	0
SOLVENT EVAPORATION LOSS	0	0	0	10825	0
UNPAVED ROADS	6247	0	0	0	0
TOTAL (MISCELLANEOUS)	6466	1	42	12911	1355
GRAND TOTAL ***********					
AREA SOURCES	15925	1227	15172	26179	110551
POINT SOURCES	4624	15664	7528	17338	3723
TOTAL	20549	16891	22700	43517	114274

*** A15 ***

TOTAL (COMM-INST)					
AREA SOURCES	119	803	1314	75	217
POINT SOURCES	12	1	143	8	4
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1443	11851	34238	11611	4658
POINT SOURCES	29215	141144	69878	1117	3878
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	1	11	15	1	3
NATURAL GAS	19	0	521	50	158
TOTAL (ELEC GEN)	20	11	536	51	161
INDUSTRIAL FUEL					
DISTILLATE OIL	2	2	11	0	5
GASOLINE	10	8	150	237	5861
DIESEL FUEL	65	57	892	70	197
TOTAL (INDUSTRIAL)	77	67	1053	307	6063
TOTAL (INTERNAL COMB)	97	78	1589	358	6224
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1443	11851	34238	11611	4658
POINT SOURCES	29312	141222	71467	1475	10102
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	152	5179	21	169	104
FOOD/AGRICULTURAL	1282	0	0	0	0
PRIMARY METAL	3527	3164	289	281	98293
SECONDARY METALS	319	3	194	1	265
MINERAL PRODUCTS	29045	870	937	14	12
PETROLEUM INDUSTRY	17	0	271	2	3
WOOD PRODUCTS	39	0	0	51	0
ORGANIC SOLVENT EVAPORATION	1	0	0	31857	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	3549	0
OTHER/NOT CLASSIFIED	34	775	0	4145	0
TOTAL (INDUSTRIAL)	34416	9991	1712	40069	98677
SOLID WASTE DISPOSAL *********************					
GOVERNMENT (POINT)					
OPEN BURNING	1	0	0	3	5
TOTAL (GOVERNMENT)	1	0	0	3	5
RESIDENTIAL (AREA)					
ON SITE INCINERATION	305	3	6	865	2600
OPEN BURNING	956	33	246	1294	4096
TOTAL (RESIDENTIAL)	1261	36	252	2159	6696
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION AREA SOURCES	65	16	32	38	96
OPEN BURNING AREA SOURCES	2	0	0	4	8
TOTAL (COMM-INST)					

*** A18 ***

AREA SOURCES	764503	81147	388602	392038	1388890
POINT SOURCES	101024	79284	64277	85887	15541
TOTAL	865527	160431	452879	477925	1404431

```
                                                                                          *** B01 ***
*** B01 ***
                 AREA SOURCES            37           118           246            12            38
                 POINT SOURCES         2663          3253           332            19            69

        TOTAL (EXTERNAL COMB)
                 AREA SOURCES           431          1808          4314          1080           794
                 POINT SOURCES        44659        253146         34298           693          2304

     INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

           NATURAL GAS                    0             1            33            13             4
           TOTAL (INDUSTRIAL)             0             1            33            13             4

        TOTAL (INTERNAL COMB)             0             1            33            13             4

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES           431          1808          4314          1080           794
                 POINT SOURCES        44659        253147         34331           706          2308

INDUSTRIAL PROCESS (POINT)
***************************

     CHEMICAL MANUFACTURING              11             0             0             0             0
     PRIMARY METAL                     3279             0             0             0             0
     SECONDARY METALS                   488             0             8             0         10685
     MINERAL PRODUCTS                  1215          1471          1805             4            49
     WOOD PRODUCTS                      246             0             0             0             0
     ORGANIC SOLVENT EVAPORATION          3             0             0          8529             0
     METAL FABRICATION                    9             0             0             0             0
     OTHER/NOT CLASSIFIED                 4          1498             0             0             0
     TOTAL (INDUSTRIAL)                5255          2969          1813          8533         10734

SOLID WASTE DISPOSAL
*********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION            223             2             7           627          1883
        OPEN BURNING                    313            11            79           421          1340
        TOTAL (RESIDENTIAL)             536            13            86          1048          3223

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES            51            16            25            31            70
        OPEN BURNING
                 AREA SOURCES             2             0             0             4             8
        TOTAL (COMM-INST)
                 AREA SOURCES            53            16            25            35            78

     INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES            21             4             4            18            26
        OPEN BURNING
                 AREA SOURCES            10             0             2            16            60
        TOTAL (INDUSTRIAL)
                 AREA SOURCES            31             4             6            34            86

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES           620            33           117          1117          3387

TRANSPORTATION (AREA)
**********************
```

```
*** B02 ***                                                                                      *** B02 ***

                                       NATIONAL EMISSIONS DATA SYSTEM
                                      ********************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                      *********************************

                                                                           RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                    AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
******************************                                POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE:37 OKLAHOMA          AQCR:184 CENTRAL OKLAHOMA

                            PARTICULATES         SOX             NOX             HC              CO
                            ************     ************    ************    ************    ************
                             TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               6              31               1               6              26
         DISTILLATE OIL                0               1               1               0               0
         NATURAL GAS                 148               8            1176             118             295
         WOOD                        104               1               4              22             738
         TOTAL (RESIDENTIAL)         258              41            1182             146            1059

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              19              28             191               3              10
         DISTILLATE OIL                3              22              18               0               2
         NATURAL GAS                1474              23           14661             462             631
         TOTAL (ELEC GEN)           1496              73           14870             465             643

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             236            2241             395              10              25
            POINT SOURCES             12             105              66               6               9
         DISTILLATE OIL
            AREA SOURCES              16             165             198              11              28
            POINT SOURCES              0               0               4               0               0
         NATURAL GAS
            AREA SOURCES             341              20           52288           19944            7000
            POINT SOURCES             22               0             472              30              23
         OTHER
            POINT SOURCES              0               0               1               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             593            2426           52881           19965            7053
            POINT SOURCES             34             105             543              36              32

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              17             236              60               1               4
         DISTILLATE OIL
            AREA SOURCES               1              24              17               1               3
            POINT SOURCES             14              99              50               6              11
         NATURAL GAS
            AREA SOURCES              78               4             904              62             150
            POINT SOURCES             34               2             233              10              22
         TOTAL (COMM-INST)
            AREA SOURCES              96             264             981              64             157
            POINT SOURCES             48             101             283              16              33
```

```
*** B04 ***                                                                     *** B04 ***
  TOTAL (FUEL COMBUSTION)

           AREA SOURCES            568         995         933         300        3765
           POINT SOURCES          2849         394        5793        1119        1125

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL               375           0           0           0           0
   SECONDARY METALS                 14         365           0           0          17
   MINERAL PRODUCTS                111          11          10           0           2
   WOOD PRODUCTS                  1302           0          26         172           0
   METAL FABRICATION               407         181           0           0           0
   OTHER/NOT CLASSIFIED              0           0           6           0           0
   TOTAL (INDUSTRIAL)             2209         557          42         172          19

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

     OPEN BURNING                    6           0           0           1          20
     TOTAL (GOVERNMENT)              6           0           0           1          20

   RESIDENTIAL (AREA)

     OPEN BURNING                  119           3          31         163         511
     TOTAL (RESIDENTIAL)           119           3          31         163         511

   COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
           POINT SOURCES             0          10           8           0           0
     TOTAL (COMM-INST)
           POINT SOURCES             0          10           8           0           0

   INDUSTRIAL

     ON SITE INCINERATION
           AREA SOURCES              1           0           0           1           1
           POINT SOURCES            94          62          41          41         697
     OPEN BURNING
           AREA SOURCES              1           0           0           1           5
           POINT SOURCES            15           0           1           5          49
     TOTAL (INDUSTRIAL)
           AREA SOURCES              2           0           0           2           6
           POINT SOURCES           109          62          42          46         746

   TOTAL (SOLID WASTE DISP)
           AREA SOURCES            121           3          31         165         517
           POINT SOURCES           115          72          50          47         766

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES      2611         120        2882        4336       36233
         LIGHT DUTY TRUCKS        1492          95        2135        2781       21202
         HEAVY DUTY VEHICLES       167          16         550         655        9046
         OFF HIGHWAY                24          10         215         774        8298
         TOTAL (GASOLINE)         4294         241        5782        8546       74779

      DIESEL
```

```
*** B06 ***                                                                                   *** B06 ***

                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:39 PENNSYLVANIA    AQCR:151 NORTHEAST PENNSYLVANIA-UPPER D    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES       SOX          NOX           HC           CO
                              ************   ************ ************ ************ ************
                               TONS / YR      TONS / YR    TONS / YR    TONS / YR    TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               1380          3674          415          345        12432
         DISTILLATE OIL                 611          7052         4407          244         1225
         NATURAL GAS                    129             7         1036          104          259
         WOOD                           728            12           32          145         5247
         TOTAL (RESIDENTIAL)           2848         10745         5890          838        19163

      ELEC GENERATION (POINT)

         ANTHRACITE COAL               2191          4007         2109            0          117
         BITUMINOUS COAL               2359         91551        28726          344         1147
         RESIDUAL OIL                  2657         32480        21656          209         1035
         DISTILLATE OIL                   3           247          115            0           27
         TOTAL (ELEC GEN)              7210        128285        52606          553         2326

      INDUSTRIAL FUEL

         ANTHRACITE COAL
             POINT SOURCES              332           642          221            0           25
         BITUMINOUS COAL
             AREA SOURCES               424          3401          852           25           54
             POINT SOURCES              834          1357          187           10           24
         RESIDUAL OIL
             POINT SOURCES            68886         17618         2990           81        27820
         DISTILLATE OIL
             AREA SOURCES               106          1034         1259           67          180
             POINT SOURCES               16           561           94            5           27
         NATURAL GAS
             AREA SOURCES               119             6         7368         2278          929
             POINT SOURCES               54             4          668           40          107
         PROCESS GAS
             POINT SOURCES              125          1760            0            0            0
         WOOD
             POINT SOURCES             1319            55          365           73           73
         TOTAL (INDUSTRIAL)
             AREA SOURCES               649          4441         9479         2370         1163
             POINT SOURCES            71566         21997         4525          209        28076

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES               423          1015          437            0           36
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                          RUN DATE:  TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                    AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                                   POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:39 PENNSYLVANIA    AQCR:196 SOUTH CENTRAL PENNSYLVANIA

                              PARTICULATES        SOX             NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL             321             852              95              80            2879
            DISTILLATE OIL              513            5925            3701             205            1029
            NATURAL GAS                 148               8            1182             118             296
            WOOD                       1585              32              63             318           11403
            TOTAL (RESIDENTIAL)        2567            6817            5041             721           15607

        ELEC GENERATION (POINT)

            ANTHRACITE COAL             322            4476            3593               6             200
            BITUMINOUS COAL            4917          154646           33851             564            1881
            RESIDUAL OIL                 52             660             481               0              26
            DISTILLATE OIL                4             105             110               9              22
            TOTAL (ELEC GEN)           5295          159887           38035             579            2129

        INDUSTRIAL FUEL

            ANTHRACITE COAL
                POINT SOURCES           107             462             220               1             139
            BITUMINOUS COAL
                AREA SOURCES            347            2781             696              21              47
                POINT SOURCES          1296            8522            1676              39             110
            RESIDUAL OIL
                POINT SOURCES           837           11121            2098              91             209
            DISTILLATE OIL
                AREA SOURCES             87             839            1021              55             147
                POINT SOURCES            27             296              68               7              20
            NATURAL GAS
                AREA SOURCES            116               6            7206            2228             910
                POINT SOURCES             8               2             257               4              13
            WOOD
                POINT SOURCES            86               6              39              16              19
            TOTAL (INDUSTRIAL)
                AREA SOURCES            550            3626            8923            2304            1104
                POINT SOURCES          2361           20409            4358             158             510

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES            344             826             358               0              31
                POINT SOURCES           324             424             125               6              16
            RESIDUAL OIL
```

```
*** B08 ***
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             18475          784         18026         26160        219452
         LIGHT DUTY TRUCKS                3514          209          4214          5860         43512
         HEAVY DUTY VEHICLES                47            7           209           171          2492
         OFF HIGHWAY                         2            1            18            64           683
         TOTAL (GASOLINE)                22038         1001         22467         32255        266139

      DIESEL

         HEAVY DUTY VEHICLES              1506          680          6066           821          2440
         OFF HIGHWAY                        13           11           129            19            38
         RAIL                                2            4            28             7            10
         TOTAL (DIESEL)                   1521          695          6223           847          2488

   AIRCRAFT

      MILITARY                             395           37           237           702          1266
      CIVIL                                  0            0             0            13           628
      COMMERCIAL                            83          184          1710          1915          4268
      TOTAL (AIRCRAFT)                     478          221          1947          2630          6162

   VESSELS

      RESIDUAL OIL                         315         4140           679            47            21
      GASOLINE                               0            0             1            57           178
      TOTAL (VESSELS)                      315         4140           680           104           199

   TOTAL (TRANSPORTATION)                24352         6057         31317         35836        274988

MISCELLANEOUS (AREA)
********************

   FOREST MANAGED BURNING                20164          151          4034         18147        112916
   AGRICULTURAL BURNING                   4507            0           631          5327         29626
   STRUCTURAL FIRES                        774            0            99           580          3158
   GASOLINE STA EVAP LOSS                    0            0             0          4089             0
   SOLVENT EVAPORATION LOSS                  0            0             0          4433             0
   TOTAL (MISCELLANEOUS)                 25445          151          4764         32576        145700

GRAND TOTAL
***********

   AREA SOURCES                          50449        17954         39596         68503        421187

   POINT SOURCES                         60477       314415        129506         21841        107178

   TOTAL                                110926       332369        169102         90344        528365
```

```
                                                  NATIONAL EMISSIONS DATA SYSTEM
                                                  ******************************

                                                  ENVIRONMENTAL PROTECTION AGENCY
                                                  *******************************

STATE/AQCR EMISSIONS REPORT                                                        RUN DATE:   TUESDAY     JANUARY 26, 1982
***************************                                       AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:42 SOUTH CAROLINA  AQCR:053 AUGUSTA-AIKEN                   POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                    PARTICULATES         SOX              NOX              HC               CO
                                    ************     ************     ************     ************     ************
                                     TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                    7               74               47                2               12
            NATURAL GAS                      17                0              127               12               33
            WOOD                            685               15               27              138             4923
            TOTAL (RESIDENTIAL)             709               89              201              152             4968

        ELEC GENERATION (POINT)

            BITUMINOUS COAL                2185            12993             4628               77              257
            NATURAL GAS                       0                0              441                1               11
            TOTAL (ELEC GEN)               2185            12993             5069               78              268

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES              6901            12816             8405              185              458
            RESIDUAL OIL
                POINT SOURCES               126             1667              305                6               25
            DISTILLATE OIL
                AREA SOURCES                  4               44               55                2                7
                POINT SOURCES                 2              116               24                1                5
            NATURAL GAS
                AREA SOURCES                 15                1              564              136               66
                POINT SOURCES                16                1              428                4               27
            WOOD
                POINT SOURCES               648               35              235               48               48
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 19               45              619              138               73
                POINT SOURCES              7693            14635             9397              244              563

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                  2               40                6                0                0
            DISTILLATE OIL
                AREA SOURCES                  2               19               15                0                4
            NATURAL GAS
                AREA SOURCES                  4                0               57                4               10
            TOTAL (COMM-INST)
                AREA SOURCES                  8               59               78                4               14

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                736              193              898              294             5055
                POINT SOURCES              9878            27628            14466              322              831
```

HEAVY DUTY VEHICLES	594	58	1869	2241	30531
OFF HIGHWAY	54	30	536	1932	20733
TOTAL (GASOLINE)	19564	1007	24090	34259	294899
DIESEL					
HEAVY DUTY VEHICLES	2553	1202	11034	1382	4097
OFF HIGHWAY	401	335	4057	597	1201
RAIL	89	204	1312	334	461
TOTAL (DIESEL)	3043	1741	16403	2313	5759
AIRCRAFT					
MILITARY	14	1	8	24	44
CIVIL	1	0	1	29	1329
COMMERCIAL	6	12	113	126	282
TOTAL (AIRCRAFT)	21	13	122	179	1655
VESSELS					
GASOLINE	0	0	2	97	307
TOTAL (VESSELS)	0	0	2	97	307
TOTAL (TRANSPORTATION)	22628	2761	40617	36848	302620
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	144	0	34	201	1178
FOREST MANAGED BURNING	3132	23	627	2820	17542
STRUCTURAL FIRES	189	0	22	141	764
GASOLINE STA EVAP LOSS	0	0	0	4284	0
SOLVENT EVAPORATION LOSS	0	0	0	31978	0
UNPAVED ROADS	22981	0	0	0	0
TOTAL (MISCELLANEOUS)	26446	23	683	39424	19484
GRAND TOTAL ***********					
AREA SOURCES	50971	3768	44166	79301	332951
POINT SOURCES	4709	28528	9590	3371	5174
TOTAL	55680	32296	53756	82672	338125

```
*** B12 ***                                                                                    *** B12 ***
        ON SITE INCINERATION              11           0           0          32          95
        OPEN BURNING                      34           1           9          46         147
        TOTAL (RESIDENTIAL)               45           1           9          78         242

   COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                 0           0           0           0           1
        TOTAL (COMM-INST)
              AREA SOURCES                 0           0           0           0           1

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                45           1           9          78         243

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES           154          14         364         400        2788
           LIGHT DUTY TRUCKS              59           7         174         167        1035
           HEAVY DUTY VEHICLES            12           2          72          56         763
           OFF HIGHWAY                     4           2          40         143        1529
           TOTAL (GASOLINE)              229          25         650         766        6115

        DIESEL

           HEAVY DUTY VEHICLES            23          15         153          14          38
           OFF HIGHWAY                    29          24         296          43          87
           RAIL                            2           5          30           8          10
           TOTAL (DIESEL)                 54          44         479          65         135

   AIRCRAFT

        CIVIL                              0           0           0           1          26
        TOTAL (AIRCRAFT)                   0           0           0           1          26

   VESSELS

        GASOLINE                           0           0           0          12          38
        TOTAL (VESSELS)                    0           0           0          12          38

   TOTAL (TRANSPORTATION)                283          69        1129         844        6314

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       21           0           5          29         171
   STRUCTURAL FIRES                        3           0           0           2          11
   GASOLINE STA EVAP LOSS                  0           0           0         148           0
   SOLVENT EVAPORATION LOSS                0           0           0         334           0
   UNPAVED ROADS                        5921           0           0           0           0
   TOTAL (MISCELLANEOUS)                5945           0           5         513         182

GRAND TOTAL
***********

   AREA SOURCES                         6300         100        1183        1439        6863

   POINT SOURCES                         230           0           0           0           0

   TOTAL                                6530         100        1183        1439        6863
```

POINT SOURCES	855	3264	944	195	900
LIGNITE					
POINT SOURCES	1	1	0	0	0
RESIDUAL OIL					
AREA SOURCES	11	302	57	0	1
POINT SOURCES	0	0	1	0	0
DISTILLATE OIL					
POINT SOURCES	40	1034	458	21	97
NATURAL GAS					
AREA SOURCES	159	7	1955	119	324
POINT SOURCES	56	26	1261	15	99
WOOD					
POINT SOURCES	20	3	23	82	70
LIQUID PETROL GAS					
POINT SOURCES	0	4	12	0	0
OTHER					
POINT SOURCES	27	78	7	24	110
TOTAL (COMM-INST)					
AREA SOURCES	526	1168	2385	119	351
POINT SOURCES	1002	4411	2719	337	1277
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2476	1517	11305	2861	13149
POINT SOURCES	92457	1063018	276109	16972	29116
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	301	1735	4102	340	920
TOTAL (ELEC GEN)	301	1735	4102	340	920
INDUSTRIAL FUEL					
DISTILLATE OIL	0	0	623	18	106
NATURAL GAS	7	42	24101	3786	5544
TOTAL (INDUSTRIAL)	7	42	24724	3804	5650
TOTAL (INTERNAL COMB)	308	1777	28826	4144	6570
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2476	1517	11305	2861	13149
POINT SOURCES	92765	1064795	304935	21116	35686
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	12353	10961	4167	63831	36275
FOOD/AGRICULTURAL	5386	80	97	58	1761
PRIMARY METAL	8506	16657	1050	422	25123
SECONDARY METALS	2906	1798	2342	437	14996
MINERAL PRODUCTS	17871	13683	6889	2577	3985
PETROLEUM INDUSTRY	361	5562	184	1549	8992
WOOD PRODUCTS	4733	1479	1432	2832	26870
ORGANIC SOLVENT EVAPORATION	1461	327	29	49263	98
PETROLEUM STORAGE/TRANSPORT	8	0	0	10474	0
METAL FABRICATION	63	0	12	35	1
TEXTILE MANUFACTURING	66	15	18	1780	2
OTHER/NOT CLASSIFIED	728	4392	193	1986	939
TOTAL (INDUSTRIAL)	54442	54954	16413	135244	119042
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE EMISSIONS REPORT

STATE 45:TEXAS

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	15	477	185	4	36
NATURAL GAS	1728	76	13749	1378	3445
TOTAL (RESIDENTIAL)	1743	553	13934	1382	3481
ELEC GENERATION (POINT)					
BITUMINOUS COAL	13693	44248	54444	907	3025
LIGNITE	22014	336475	172657	4251	12800
RESIDUAL OIL	700	12391	4106	48	154
DISTILLATE OIL	149	2360	1438	55	157
NATURAL GAS	9214	444	280369	647	3216
PROCESS GAS	0	933	744	0	218
OTHER	704	25	283	33	33
TOTAL (ELEC GEN)	46474	396876	514041	5941	19603
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	9183	55890	19625	584	1261
LIGNITE					
POINT SOURCES	16200	43800	8589	202	672
RESIDUAL OIL					
AREA SOURCES	7411	126336	25593	415	2123
POINT SOURCES	1464	13624	3665	88	82
DISTILLATE OIL					
AREA SOURCES	367	5373	4357	221	615
POINT SOURCES	1083	11501	14061	108	307
NATURAL GAS					
AREA SOURCES	3404	194	746423	295446	101151
POINT SOURCES	11253	9296	187602	2762	7838
PROCESS GAS					
POINT SOURCES	1150	41311	21286	123	249
WOOD					
POINT SOURCES	16209	471	3136	669	700
LIQUID PETROL GAS					
POINT SOURCES	44	707	168	7	21
BAGASSE					
POINT SOURCES	108	0	3	10	4
OTHER					
POINT SOURCES	40	23	23	9	9
TOTAL (INDUSTRIAL)					
AREA SOURCES	20365	187793	795998	296666	105150
POINT SOURCES	47551	120733	238533	3978	9882

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        *******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

                                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
******************************                                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:45 TEXAS          AQCR:153 EL PASO-LAS CRUCES-ALAMOGORDO

                              PARTICULATES       SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                2             34             14              1              3
         NATURAL GAS                  68              4            543             54            136
         TOTAL (RESIDENTIAL)          70             38            557             55            139

      ELEC GENERATION (POINT)

         RESIDUAL OIL                  9             89             27              0              0
         NATURAL GAS                 127              5           4944              9             36
         TOTAL (ELEC GEN)            136             94           4971              9             36

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             200           1217            427             12             28
         RESIDUAL OIL
            AREA SOURCES             148           2574            512              8             42
            POINT SOURCES             35            137            335              4              9
         DISTILLATE OIL
            AREA SOURCES               8            121             99              5             14
            POINT SOURCES              0           3145           2359              0              0
         NATURAL GAS
            AREA SOURCES              54              3          11582           4585           1570
            POINT SOURCES             28              0            321              4              7
         PROCESS GAS
            POINT SOURCES              0           1020              0              0              0
         LIQUID PETROL GAS
            POINT SOURCES              0              0              3              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             410           3915          12620           4610           1654
            POINT SOURCES             63           4302           3018              8             16

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              10            178             35              1              3
         DISTILLATE OIL
            AREA SOURCES               5            112             56              3             13
         NATURAL GAS
            AREA SOURCES              31              2            387             25             64
         TOTAL (COMM-INST)
            AREA SOURCES              46            292            478             29             80

      TOTAL (EXTERNAL COMB)
```

```
*** B17 ***                                                                                              *** B17 ***
          AREA SOURCES                    67            16            32            42           104

   INDUSTRIAL

      ON SITE INCINERATION
          AREA SOURCES                    62            10            10            57            79
          POINT SOURCES                   34            10            15            18            49
      OPEN BURNING
          AREA SOURCES                    15             0             4            24            90
      TOTAL (INDUSTRIAL)
          AREA SOURCES                    77            10            14            81           169
          POINT SOURCES                   34            10            15            18            49

   TOTAL (SOLID WASTE DISP)
          AREA SOURCES                  1405            62           298          2282          6969
          POINT SOURCES                   35            10            15            21            54

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           25954          1056         24253         35662        302524
         LIGHT DUTY TRUCKS              7397           461         10020         12581         92074
         HEAVY DUTY VEHICLES            1559           138          4348          5408         74833
         OFF HIGHWAY                     139            74          1358          4884         52302
         TOTAL (GASOLINE)              35049          1729         39979         58535        521813

      DIESEL

         HEAVY DUTY VEHICLES            3449          1537         13857          1824          5501
         OFF HIGHWAY                     420           350          4248           623          1255
         RAIL                            350           795          5148          1307          1810
         TOTAL (DIESEL)                 4219          2682         23253          3754          8566

   AIRCRAFT

      MILITARY                          1170           110           703          2081          3748
      CIVIL                                1             0             2            65          2957
      COMMERCIAL                          18            40           368           412           920
      TOTAL (AIRCRAFT)                  1189           150          1073          2558          7625

   VESSELS

      GASOLINE                             0             8            30          1300          4073
      TOTAL (VESSELS)                      0             8            30          1300          4073

   TOTAL (TRANSPORTATION)              40457          4569         64335         66147        542077

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     7240            64          1702         10219         59617
   FOREST MANAGED BURNING                160             0            32           144           896
   STRUCTURAL FIRES                      287             0            32           217          1169
   GASOLINE STA EVAP LOSS                  0             0             0          7464             0
   SOLVENT EVAPORATION LOSS                0             0             0         35110             0
   UNPAVED ROADS                      439185             0             0             0             0
   UNPAVED AIRSTRIPS                      34             0             0             0             0
   TOTAL (MISCELLANEOUS)              446906            64          1766         53154         61682

GRAND TOTAL
***********
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	4838	250	6210	7893	64925
LIGHT DUTY TRUCKS	1181	87	1919	2086	15253
HEAVY DUTY VEHICLES	318	33	1199	1219	16738
OFF HIGHWAY	31	17	315	1133	12147
TOTAL (GASOLINE)	6368	387	9643	12331	109063
DIESEL					
HEAVY DUTY VEHICLES	1042	530	5245	613	1732
OFF HIGHWAY	127	106	1289	189	383
RAIL	26	60	388	99	136
TOTAL (DIESEL)	1195	696	6922	901	2251
AIRCRAFT					
CIVIL	0	0	0	14	653
TOTAL (AIRCRAFT)	0	0	0	14	653
VESSELS					
GASOLINE	0	9	36	1457	4579
TOTAL (VESSELS)	0	9	36	1457	4579
TOTAL (TRANSPORTATION)	7563	1092	16601	14703	116546
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	81	0	19	114	667
STRUCTURAL FIRES	79	0	10	60	321
GASOLINE STA EVAP LOSS	0	0	0	1434	0
SOLVENT EVAPORATION LOSS	0	0	0	14483	0
UNPAVED ROADS	60824	0	0	0	0
UNPAVED AIRSTRIPS	3	0	0	0	0
TOTAL (MISCELLANEOUS)	60987	0	29	16091	988
GRAND TOTAL ************					
AREA SOURCES	69601	2933	21061	32991	121715
POINT SOURCES	49914	256116	36144	9239	13042
TOTAL	119515	259049	57205	42230	134757

```
*** CO2 ***                                                                                      *** CO2 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES           947          2731          55044          20175          8269
               POINT SOURCES          1578           279          15696            517           708

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL               1             0              2              0             2
            NATURAL GAS                 51             3           2782             23           130
            TOTAL (ELEC GEN)            52             3           2784             23           132

        INDUSTRIAL FUEL

            NATURAL GAS                  3             1           1711            819           128
            TOTAL (INDUSTRIAL)           3             1           1711            819           128

        TOTAL (INTERNAL COMB)           55             4           4495            842           260

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           947          2731          55044          20175          8269
               POINT SOURCES          1633           283          20191           1359           968

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              40             0              0              0             0
    FOOD/AGRICULTURAL                  853             0             99             41            12
    SECONDARY METALS                    37             0              0              0             0
    MINERAL PRODUCTS                   540             2              4             12            66
    PETROLEUM INDUSTRY                  34            36             85             58             1
    ORGANIC SOLVENT EVAPORATION         16             0              0           4046             0
    PETROLEUM STORAGE/TRANSPORT          0             0              0            904             0
    METAL FABRICATION                    2             0              0              0             0
    OTHER/NOT CLASSIFIED               251             0              0           1618             0
    TOTAL (INDUSTRIAL)                1773            38            188           6679            79

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            93             0              2            262           788
        OPEN BURNING                   383            14             97            516          1634
        TOTAL (RESIDENTIAL)            476            14             99            778          2422

    TOTAL (SOLID WASTE DISP)
               AREA SOURCES            476            14             99            778          2422

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      23140           761          18055          29915        270530
            LIGHT DUTY TRUCKS         4398           198           4191           6715         53516
            HEAVY DUTY VEHICLES       2010           147           4399           6745         92623
            OFF HIGHWAY                 67            36            662           2383         25569
            TOTAL (GASOLINE)         29615          1142          27307          45758        442238

        DIESEL

            HEAVY DUTY VEHICLES       4041          1618          14696           2239          6689
```

```
                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************

                                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:37 OKLAHOMA       AQCR:188 SOUTHEASTERN OKLAHOMA

                             PARTICULATES        SOX            NOX            HC             CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                12            31              1             12             56
         NATURAL GAS                    52             0            418             41            105
         WOOD                          540            11             21            109           3879
         TOTAL (RESIDENTIAL)           604            42            440            162           4040

      ELEC GENERATION (POINT)

         DISTILLATE OIL                  6            38            115              1              2
         NATURAL GAS                   304            18          18262             30            517
         TOTAL (ELEC GEN)              310            56          18377             31            519

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                67           652            119              2              7
         DISTILLATE OIL
            AREA SOURCES                 3            41             53              1              8
            POINT SOURCES                0             0              2              0              0
         NATURAL GAS
            AREA SOURCES                65             1           9949           3798           1332
            POINT SOURCES               24           202            837              8             40
         TOTAL (INDUSTRIAL)
            AREA SOURCES               135           694          10121           3801           1347
            POINT SOURCES               24           202            839              8             40

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 1            43              9              0              0
         DISTILLATE OIL
            AREA SOURCES                 0             3              1              0              0
         NATURAL GAS
            AREA SOURCES                 9             0            152              7             26
         TOTAL (COMM-INST)
            AREA SOURCES                10            46            162              7             26

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               749           782          10723           3970           5413
            POINT SOURCES              334           258          19216             39            559

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL
```

HEAVY DUTY VEHICLES	551	263	2585	342	957
OFF HIGHWAY	158	132	1602	236	473
RAIL	114	258	1679	426	590
TOTAL (DIESEL)	823	653	5866	1004	2020
AIRCRAFT					
MILITARY	39	4	23	69	124
CIVIL	1	0	1	39	1805
COMMERCIAL	1	3	29	32	72
TOTAL (AIRCRAFT)	41	7	53	140	2001
VESSELS					
DIESEL FUEL	15	19	146	39	52
GASOLINE	0	22	81	3219	10112
TOTAL (VESSELS)	15	41	227	3258	10164
TOTAL (TRANSPORTATION)	5173	942	11928	12948	88964
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	826	8	195	1164	6791
FOREST MANAGED BURNING	4159	30	832	3743	23285
AGRICULTURAL BURNING	70	0	9	82	459
STRUCTURAL FIRES	41	0	4	30	165
GASOLINE STA EVAP LOSS	0	0	0	1159	0
SOLVENT EVAPORATION LOSS	0	0	0	3848	0
UNPAVED ROADS	338669	0	0	0	0
UNPAVED AIRSTRIPS	38	0	0	0	0
TOTAL (MISCELLANEOUS)	343803	38	1040	10026	30700
GRAND TOTAL ***********					
AREA SOURCES	349665	1978	13932	23439	123946
POINT SOURCES	5173	1023	5885	1338	1910
TOTAL	354838	3001	19817	24777	125856

```
*** C05 ***                                                                                            *** C05 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                              RUN DATE:   TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
***************************                                       POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981
STATE:38 OREGON        AQCR:194 SOUTHWEST OREGON

                              PARTICULATES       SOX             NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                1              4              0              1              5
         DISTILLATE OIL                13            383             96              5             26
         NATURAL GAS                   13              0            108             11             28
         WOOD                        2725             55            109            545          19620
         TOTAL (RESIDENTIAL)         2752            442            313            562          19679

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                1              8              4              0              0
         RESIDUAL OIL
            POINT SOURCES             158           2314            932             16             32
         DISTILLATE OIL
            AREA SOURCES               32            765            373             20             53
         NATURAL GAS
            AREA SOURCES                7              0           1286            502            173
            POINT SOURCES               6              1            103              2              6
         WOOD
            AREA SOURCES              101             19            127             28             38
            POINT SOURCES            5149              3           6776           1371           1341
         LIQUID PETROL GAS
            POINT SOURCES               0              0              6              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              141            792           1790            550            264
            POINT SOURCES            5313           2318           7817           1389           1379

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               34            368            116              1              9
         DISTILLATE OIL
            AREA SOURCES                6            229             70              3             16
            POINT SOURCES               8             66             34              0              3
         NATURAL GAS
            AREA SOURCES                7              0             81              5             13
         TOTAL (COMM-INST)
            AREA SOURCES               47            597            267              9             38
            POINT SOURCES               8             66             34              0              3

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             2940           1831           2370           1121          19981
            POINT SOURCES            5321           2384           7851           1389           1382
```

POINT SOURCES	2053	989	567	0	363
RESIDUAL OIL					
AREA SOURCES	58	429	204	3	15
POINT SOURCES	324	4328	723	13	63
DISTILLATE OIL					
AREA SOURCES	47	680	519	22	117
POINT SOURCES	2	19	5	0	1
NATURAL GAS					
AREA SOURCES	56	3	669	44	113
POINT SOURCES	3	0	7	0	1
WOOD					
POINT SOURCES	88	435	438	80	1973
TOTAL (COMM-INST)					
AREA SOURCES	584	2127	1829	69	281
POINT SOURCES	2470	5771	1740	93	2401
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4081	17313	17198	3277	20607
POINT SOURCES	81246	156053	58871	855	32803
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
NATURAL GAS	8	1	267	28	74
TOTAL (ELEC GEN)	8	1	267	28	74
TOTAL (INTERNAL COMB)	8	1	267	28	74
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4081	17313	17198	3277	20607
POINT SOURCES	81254	156054	59138	883	32877
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	1895	222	595	841	0
FOOD/AGRICULTURAL	79	146	36	1	0
PRIMARY METAL	17857	159933	935	1089	59154
SECONDARY METALS	2115	2887	54	11	6857
MINERAL PRODUCTS	121457	21120	8579	3494	7129
WOOD PRODUCTS	269	0	0	0	0
ORGANIC SOLVENT EVAPORATION	411	0	344	12075	49
PETROLEUM STORAGE/TRANSPORT	19	145	0	161	0
METAL FABRICATION	53	30	138	62	4
TEXTILE MANUFACTURING	143	0	0	30	0
OTHER/NOT CLASSIFIED	49	10	3	74	0
TOTAL (INDUSTRIAL)	144347	184493	10684	17838	73193
SOLID WASTE DISPOSAL *********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	2	5	7	5	0
TOTAL (GOVERNMENT)	2	5	7	5	0
RESIDENTIAL (AREA)					
ON SITE INCINERATION	43	0	1	123	366
OPEN BURNING	2885	106	738	3891	12340
TOTAL (RESIDENTIAL)	2928	106	739	4014	12706
COMMERCIAL-INSTITUTIONAL					

```
*** C07 ***                                                                                            *** C07 ***
                AREA SOURCES               49          361          171            3           15
                POINT SOURCES              55          761          126            6           13
            DISTILLATE OIL
                AREA SOURCES               38          569          435           20          100
                POINT SOURCES              33         4099          318           16           73
            NATURAL GAS
                AREA SOURCES               48            3          563           37           94
                POINT SOURCES               1            0           13            0            2
            TOTAL (COMM-INST)
                AREA SOURCES              479         1759         1527           60          240
                POINT SOURCES             413         5284          582           28          104

         TOTAL (EXTERNAL COMB)
                AREA SOURCES             3596        12202        15491         3085        16951
                POINT SOURCES            8069       185580        42975          765         2743

      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

            DISTILLATE OIL                 16           95          124           16           35
            TOTAL (ELEC GEN)               16           95          124           16           35

         TOTAL (INTERNAL COMB)             16           95          124           16           35

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES             3596        12202        15491         3085        16951
                POINT SOURCES            8085       185675        43099          781         2778

   INDUSTRIAL PROCESS (POINT)
   **************************

      CHEMICAL MANUFACTURING              323           46            1          798            1
      FOOD/AGRICULTURAL                   637            0            1            0            0
      PRIMARY METAL                       157         4204          651            4           16
      SECONDARY METALS                   1448          283          289         3266          786
      MINERAL PRODUCTS                   8296         3002         1756            6          128
      WOOD PRODUCTS                       281           25            0          310            0
      ORGANIC SOLVENT EVAPORATION          41            0           27         9585            0
      PETROLEUM STORAGE/TRANSPORT           0            0            0         3291            0
      METAL FABRICATION                    98            0            4          791            1
      TEXTILE MANUFACTURING                 3            0            0         2675            0
      OTHER/NOT CLASSIFIED                151            0           93          541            0
      TOTAL (INDUSTRIAL)                11435         7560         2822        21267          932

   SOLID WASTE DISPOSAL
   ********************

      GOVERNMENT (POINT)

         MUNICIPAL INCINERATION           154          169          136         1013         1350
         OTHER INCINERATION                 2            1            6            1            0
         TOTAL (GOVERNMENT)               156          170          142         1014         1350

      RESIDENTIAL (AREA)

         ON SITE INCINERATION              17            0            0           49          146
         OPEN BURNING                    2629           99          673         3546        11251
         TOTAL (RESIDENTIAL)             2646           99          673         3595        11397

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                AREA SOURCES                8            2            3            5           10
                POINT SOURCES               1            1            1            1            1
```

```
*** C09 ***                                                                                  *** C09 ***
   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         DISTILLATE OIL                    19          17          262          21          57
         TOTAL (INDUSTRIAL)                19          17          262          21          57

      TOTAL (INTERNAL COMB)                19          17          262          21          57

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                  736         193          898         294        5055
            POINT SOURCES                9097       27645        14728         343         888

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  1         164          143           0           0
    FOOD/AGRICULTURAL                      70           0            0           0           0
    SECONDARY METALS                        0         163          143           0           0
    MINERAL PRODUCTS                    10882        2142          546           0           0
    WOOD PRODUCTS                         327           0            0         400           0
    ORGANIC SOLVENT EVAPORATION             0           0            0         340           0
    PETROLEUM STORAGE/TRANSPORT             0           0            0           1           0
    TEXTILE MANUFACTURING                   0           0            0         374           0
    TOTAL (INDUSTRIAL)                  11280        2469          832        1115           0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION               148           2            4         416        1250
       OPEN BURNING                       630          23          162         848        2691
       TOTAL (RESIDENTIAL)                778          25          166        1264        3941

    COMMERCIAL-INSTITUTIONAL

       OPEN BURNING
             AREA SOURCES                   6           0            2          14          34
       TOTAL (COMM-INST)
             AREA SOURCES                   6           0            2          14          34

    INDUSTRIAL

       ON SITE INCINERATION
             POINT SOURCES                124          11           18         169        1373
       OPEN BURNING
             AREA SOURCES                   5           0            1           7          30
       TOTAL (INDUSTRIAL)
             AREA SOURCES                   5           0            1           7          30
             POINT SOURCES                124          11           18         169        1373

    TOTAL (SOLID WASTE DISP)
             AREA SOURCES                 789          25          169        1285        4005
             POINT SOURCES                124          11           18         169        1373

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES            3702         220         5248        6483       50289
          LIGHT DUTY TRUCKS               764          63         1395        1577       10810
```

```
*** C10 ***                                                                                   *** C10 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:42 SOUTH CAROLINA  AQCR:199 CHARLESTON

                              PARTICULATES         SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                11             126             80              4             22
         NATURAL GAS                   18               1            154             16             39
         WOOD                         217               4              9             44           1557
         TOTAL (RESIDENTIAL)          246             131            243             64           1618

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             6837           14369           6188            103            344
         RESIDUAL OIL                2295           23810           7488             71            357
         NATURAL GAS                    2               0            130              0              3
         TOTAL (ELEC GEN)            9134           38179          13806            174            704

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES             147            1968            502              8             41
         DISTILLATE OIL
            AREA SOURCES                1              18             22              1              3
            POINT SOURCES               1              25              7              0              2
         NATURAL GAS
            AREA SOURCES               19               1            776            186             92
            POINT SOURCES               9               0            169              3             17
         WOOD
            POINT SOURCES             452             119            791            158            158
         TOTAL (INDUSTRIAL)
            AREA SOURCES               20              19            798            187             95
            POINT SOURCES             609            2112           1469            169            218

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            1395            1515            374             25             50
         RESIDUAL OIL
            AREA SOURCES                5              98             18              0              1
            POINT SOURCES              49             645            119              2             10
         DISTILLATE OIL
            AREA SOURCES                3              50             38              2              8
            POINT SOURCES               9             193             98              4             23
         NATURAL GAS
            AREA SOURCES               13               1            149             10             24
            POINT SOURCES               1               0             24              1              3
         TOTAL (COMM-INST)
            AREA SOURCES               21             149            205             12             33
```

```
      MUNICIPAL INCINERATION              25             235             282             137             759
      OPEN BURNING                        14               1              59              37              27
      OTHER INCINERATION                  11               8              53              11               0
      TOTAL (GOVERNMENT)                  50             244             394             185             786

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              2713              30              80            7638           22907
      OPEN BURNING                      7515             280            1926           10139           32178
      TOTAL (RESIDENTIAL)              10228             310            2006           17777           55085

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                POINT SOURCES            131              81             130             149            1552
      OPEN BURNING
                AREA SOURCES              43               2              15              85             226
      TOTAL (COMM-INST)
                AREA SOURCES              43               2              15              85             226
                POINT SOURCES            131              81             130             149            1552

   INDUSTRIAL

      ON SITE INCINERATION
                POINT SOURCES           1066             752             926            1273            8318
      OPEN BURNING
                AREA SOURCES              56               0              12              74             305
                POINT SOURCES             30               2              10              47             161
      TOTAL (INDUSTRIAL)
                AREA SOURCES              56               0              12              74             305
                POINT SOURCES           1096             754             936            1320            8479

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES           10327             312            2033           17936           55616
                POINT SOURCES           1277            1079            1460            1654           10817

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           79566            3489           81958          112980          959202
         LIGHT DUTY TRUCKS             18241            1218           26860           32075          234854
         HEAVY DUTY VEHICLES            5099             463           15307           17751          246423
         OFF HIGHWAY                     404             215            3991           14367          154080
         TOTAL (GASOLINE)             103310            5385          128116          177173         1594559

      DIESEL

         HEAVY DUTY VEHICLES           15294            6685           61675            8193           24084
         OFF HIGHWAY                    2922            2440           29504            4337            8736
         RAIL                           1347            3060           19862            5040            6980
         TOTAL (DIESEL)                19563           12185          111041           17570           39800

   AIRCRAFT

      MILITARY                           100               9              60             177             320
      CIVIL                                3               0               6             163            7403
      COMMERCIAL                          85             188            1755            1963            4375
      TOTAL (AIRCRAFT)                   188             197            1821            2303           12098

   VESSELS
```

```
*** C14 ***                                                                                              *** C14 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:  TUESDAY     JANUARY 26, 1982
***************************                                     AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
STATE:44 TENNESSEE     AQCR:207 EASTERN TENNESSEE-SOUTHWESTERN  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                             PARTICULATES          SOX              NOX              HC               CO
                             ************     ************     ************     ************     ************
                              TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                17              208              131                4               36
         NATURAL GAS                   51                0              410               41              103
         WOOD                         274                1                7               57             1953
         TOTAL (RESIDENTIAL)          342              209              548              102             2092

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             4829           223978            79426             2054             3630
         RESIDUAL OIL                   7              185                0                0                0
         DISTILLATE OIL                 1               65               64                6               14
         TOTAL (ELEC GEN)            4837           224228            79490             2060             3644

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           21254            81671            27769             1081             5425
         RESIDUAL OIL
            POINT SOURCES             987            23434             2047              541             1942
         DISTILLATE OIL
            POINT SOURCES              59             1164              339               15              139
         NATURAL GAS
            AREA SOURCES               34                0             2683              896              351
            POINT SOURCES             175              128             2545               63              267
         PROCESS GAS
            AREA SOURCES                5               20               22                0                1
         WOOD
            POINT SOURCES             741              177             1706             7108             5097
         LIQUID PETROL GAS
            POINT SOURCES               0                0                2                0                0
         OTHER
            POINT SOURCES               3               23               14                1                4
         TOTAL (INDUSTRIAL)
            AREA SOURCES               39               20             2705              896              352
            POINT SOURCES           23219           106597            34422             8809            12874

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              130              314              137                0                9
         BITUMINOUS COAL
            POINT SOURCES             355             1587              586              163              803
         LIGNITE
      COMM-INSTITUTIONAL FUEL

          RESIDUAL OIL
              AREA SOURCES             338          6191          1255            14            91
              POINT SOURCES              0             1            67             1             3
          DISTILLATE OIL
              AREA SOURCES             160          3956          2018            79           437
              POINT SOURCES              5             0            11             0             1
          NATURAL GAS
              AREA SOURCES            1107            56         13376           877          2237
              POINT SOURCES            113           298          1136            21            33
          TOTAL (COMM-INST)
              AREA SOURCES            1605         10203         16649           970          2765
              POINT SOURCES            118           299          1214            22            37

      TOTAL (EXTERNAL COMB)
              AREA SOURCES           23713        198549        826581        299018        111396
              POINT SOURCES          94143        517908        753788          9941         29522

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                10          1995           977             5            34
          NATURAL GAS                 1510            30        135686         38211         10952
          DIESEL                         0             0          2189             0             0
          TOTAL (ELEC GEN)            1520          2025        138852         38216         10986

      INDUSTRIAL FUEL

          DISTILLATE OIL                55           613           354            32            56
          NATURAL GAS                 1305           132        334718          4836         45224
          GASOLINE                     363            10           178           359          6953
          DIESEL FUEL                   83            73          1663           312           309
          TOTAL (INDUSTRIAL)          1806           828        336913          5539         52542

      ENGINE-TESTING

          TOTAL (ENG TESTNG)           181            37            85           280           432

      TOTAL (INTERNAL COMB)           3507          2890        475850         44035         63960

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES           23713        198549        826581        299018        111396
              POINT SOURCES          97650        520798       1229638         53976         93482

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING            26341        391734         17662        613833       1287417
   FOOD/AGRICULTURAL                 45759             0            45           267             0
   PRIMARY METAL                     26177        216475          4899          2308        267639
   SECONDARY METALS                   2284          5874           245             6          6282
   MINERAL PRODUCTS                 207186        130923         23796          5488          8768
   PETROLEUM INDUSTRY                32138        179893         88119        177980        822830
   WOOD PRODUCTS                     26047          5581           513           506         22220
   ORGANIC SOLVENT EVAPORATION         212             1            18        145809             5
   PETROLEUM STORAGE/TRANSPORT          53             0             0        379211             0
   METAL FABRICATION                   861             1           229          1603           555
   OTHER/NOT CLASSIFIED               1375         24034          1050        116345          5554
   TOTAL (INDUSTRIAL)               368433        954516        136576       1443256       2421270

SOLID WASTE DISPOSAL
********************
```

```
*** C16 ***                                                                                                   *** C16 ***
              AREA SOURCES              526          4245          13655          4694          1873
              POINT SOURCES             199          4396           7989            17            52

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

            NATURAL GAS                   1             0            248             0            40
            TOTAL (INDUSTRIAL)            1             0            248             0            40

        TOTAL (INTERNAL COMB)             1             0            248             0            40

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES              526          4245          13655          4694          1873
              POINT SOURCES             200          4396           8237            17            92

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                0            25              0             0             0
    FOOD/AGRICULTURAL                   245             0              0             0             0
    PRIMARY METAL                       514        200845            101             4         17888
    MINERAL PRODUCTS                   7478          1478            647             2             2
    PETROLEUM INDUSTRY                  309          5799           1409         11010            79
    ORGANIC SOLVENT EVAPORATION           0             0              0            15             0
    PETROLEUM STORAGE/TRANSPORT           0             0              0          3869             0
    OTHER/NOT CLASSIFIED                 10            27              0             0             0
    TOTAL (INDUSTRIAL)                 8556        208174           2157         14900         17969

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            116             2              3           326           975
        OPEN BURNING                    358            13             92           485          1536
        TOTAL (RESIDENTIAL)             474            15             95           811          2511

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES               26             8             12            15            36
        OPEN BURNING
              AREA SOURCES                1             0              0             2             4
        TOTAL (COMM-INST)
              AREA SOURCES               27             8             12            17            40

    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES               27             5              5            25            36
              POINT SOURCES              14             4             38             6            16
        OPEN BURNING
              AREA SOURCES                8             0              3            14            50
        TOTAL (INDUSTRIAL)
              AREA SOURCES               35             5              8            39            86
              POINT SOURCES              14             4             38             6            16

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES              536            28            115           867          2637
              POINT SOURCES              14             4             38             6            16

TRANSPORTATION (AREA)
*********************
```

```
                                                                                        *** C17 ***
*** C17 ***
   AREA SOURCES                  490211         16546        100637        133194        615386

   POINT SOURCES                  63763        151223         73194         41565        108833

   TOTAL                         553974        167769        173831        174759        724219
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                       RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:45 TEXAS        AQCR:216 METROPOLITAN HOUSTON-GALVESTON

                              PARTICULATES        SOX             NOX              HC              CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL            2             59              24               1               4
            NATURAL GAS             345             19            2753             275             689
            TOTAL (RESIDENTIAL)     347             78            2777             276             693

        ELEC GENERATION (POINT)

            LIGNITE                  57          18168            1741             423              14
            RESIDUAL OIL            179           2097             447               9              13
            DISTILLATE OIL            3             16              13               1               2
            NATURAL GAS            2843            117           72733             195             799
            TOTAL (ELEC GEN)       3082          20398           74934             628             828

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES       2385          14528            5099             154             331
            RESIDUAL OIL
                AREA SOURCES       1878          31877            6475             108             539
                POINT SOURCES       937           2637            1001              28              16
            DISTILLATE OIL
                AREA SOURCES        101           1451            1176              64             169
                POINT SOURCES       816           6196           10044              63             225
            NATURAL GAS
                AREA SOURCES        994             60          218056           86311           29552
                POINT SOURCES      4585           1454           63826             195             976
            PROCESS GAS
                POINT SOURCES       490          21518            3135              15             104
            WOOD
                POINT SOURCES      3978             92             636             122             122
            LIQUID PETROL GAS
                POINT SOURCES         8              0              46               1               3
            TOTAL (INDUSTRIAL)
                AREA SOURCES       5358          47916          230806           86637           30591
                POINT SOURCES     10814          31897           78688             424            1446

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES         97           1704             340               5              27
            DISTILLATE OIL
                AREA SOURCES         49           1078             550              24             125
            NATURAL GAS
                AREA SOURCES        308             17            3660             244             610
```

*** D01 ***

```
*** D02 ***                                                                                       *** D02 ***
          OFF HIGHWAY                     550         461        5556         817        1644
          RAIL                             84         192        1252         317         439
          TOTAL  (DIESEL)                4675        2271       21504        3373        8772

     AIRCRAFT

         MILITARY                         289          27         173         513         925
         CIVIL                              1           0           2          51        2304
         COMMERCIAL                        16          36         336         375         838
         TOTAL  (AIRCRAFT)                306          63         511         939        4067

     VESSELS

         GASOLINE                           0           1           6         259         818
         TOTAL  (VESSELS)                   0           1           6         259         818

     TOTAL  (TRANSPORTATION)            34596        3477       49328       50329      455895

MISCELLANEOUS  (AREA)
********************

     FOREST WILDFIRES                    1430          13         337        2018       11771
     FOREST MANAGED BURNING                44           0           9          40         248
     STRUCTURAL FIRES                     223           0          26         166         908
     GASOLINE STA EVAP LOSS                 0           0           0        4999           0
     SOLVENT EVAPORATION LOSS               0           0           0       24018           0
     UNPAVED ROADS                     140727           0           0           0           0
     TOTAL  (MISCELLANEOUS)            142424          13         372       31241       12927

GRAND TOTAL
***********

     AREA SOURCES                      178443        6235      104843      102523      479513

     POINT SOURCES                       3406         321       20379        8038        1047

     TOTAL                             181849        6556      125222      110561      480560
```

DISTILLATE OIL	2	1	11	0	1
NATURAL GAS	1	1	2041	3	7
TOTAL (INDUSTRIAL)	3	2	2052	3	8
TOTAL (INTERNAL COMB)	3	2	2052	3	8
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	749	782	10723	3970	5413
POINT SOURCES	337	260	21268	42	567
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	53	0	0	0	0
FOOD/AGRICULTURAL	5	0	0	0	0
MINERAL PRODUCTS	2211	422	690	18	56
PETROLEUM INDUSTRY	403	4789	1593	3630	60124
WOOD PRODUCTS	3	0	45	74	238
ORGANIC SOLVENT EVAPORATION	0	0	0	663	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	7084	0
OTHER/NOT CLASSIFIED	2	0	0	478	0
TOTAL (INDUSTRIAL)	2677	5211	2328	11947	60418
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	93	0	0	260	784
OPEN BURNING	857	32	218	1156	3666
TOTAL (RESIDENTIAL)	950	32	218	1416	4450
TOTAL (SOLID WASTE DISP) AREA SOURCES	950	32	218	1416	4450
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	6168	320	7532	10027	81469
LIGHT DUTY TRUCKS	1173	83	1741	2227	15995
HEAVY DUTY VEHICLES	542	58	1880	1927	27405
OFF HIGHWAY	45	25	454	1632	17520
TOTAL (GASOLINE)	7928	486	11607	15813	142389
DIESEL					
HEAVY DUTY VEHICLES	1227	626	5547	660	1924
OFF HIGHWAY	326	273	3300	485	978
RAIL	34	71	467	118	165
TOTAL (DIESEL)	1587	970	9314	1263	3067
AIRCRAFT					
MILITARY	2	0	1	3	5
CIVIL	0	0	1	26	1293
COMMERCIAL	0	0	0	0	1
TOTAL (AIRCRAFT)	2	0	2	29	1299
VESSELS					

```
*** DO5 ***                                                                                      *** DO5 ***
    TOTAL (FUEL COMBUSTION)

            AREA SOURCES              2940          1831          2370          1121         19981
            POINT SOURCES             5321          2334          7851          1389          1382

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               5             0             0           912          1840
    FOOD/AGRICULTURAL                   13             0             0             0             0
    SECONDARY METALS                   274             0             0             0             0
    MINERAL PRODUCTS                   816            14            13             0             1
    WOOD PRODUCTS                     6099           204           373           904            92
    ORGANIC SOLVENT EVAPORATION          0             0             0          4004             0
    PETROLEUM STORAGE/TRANSPORT          0             0             0             5             0
    OTHER/NOT CLASSIFIED               501             0           422           123             0
    TOTAL (INDUSTRIAL)                7708           218           808          5948          1933

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          45            16            19            19            65
        OPEN BURNING                   116             7            42           217           617
        TOTAL (GOVERNMENT)             161            23            61           236           682

    RESIDENTIAL (AREA)

        OPEN BURNING                   478            16           123           645          2046
        TOTAL (RESIDENTIAL)            478            16           123           645          2046

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
            AREA SOURCES                 2             0             0             4             8
        TOTAL (COMM-INST)
            AREA SOURCES                 2             0             0             4             8

    INDUSTRIAL

        ON SITE INCINERATION
            AREA SOURCES                 4             0             0             4             5
            POINT SOURCES              387             7            91            64          2720
        OPEN BURNING
            AREA SOURCES                 7             0             2            10            40
            POINT SOURCES                0             0             0             0             1
        TOTAL (INDUSTRIAL)
            AREA SOURCES                11             0             2            14            45
            POINT SOURCES              387             7            91            64          2721

    TOTAL (SOLID WASTE DISP)
            AREA SOURCES               491            16           125           663          2099
            POINT SOURCES              548            30           152           300          3403

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       5295           252          6249          9221         75089
            LIGHT DUTY TRUCKS         2440           162          3762          4655         34366
            HEAVY DUTY VEHICLES        207            21           711           797         10833
            OFF HIGHWAY                 24            14           237           854          9155
```

```
*** D06 ***
         ON SITE INCINERATION
                   AREA SOURCES            15            5            7            9           22
                   POINT SOURCES            2            1            1            1            3
         TOTAL (COMM-INST)
                   AREA SOURCES            15            5            7            9           22
                   POINT SOURCES            2            1            1            1            3

     INDUSTRIAL

         ON SITE INCINERATION
                   AREA SOURCES            23            4            4           21           32
                   POINT SOURCES           21            9           10           30           47
         TOTAL (INDUSTRIAL)
                   AREA SOURCES            23            4            4           21           32
                   POINT SOURCES           21            9           10           30           47

     TOTAL (SOLID WASTE DISP)
                   AREA SOURCES          2966          115          750         4044        12760
                   POINT SOURCES           25           15           18           36           50

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES      31431         1268        30579        44369       389526
               LIGHT DUTY TRUCKS         5677          342         7773         9908        75839
               HEAVY DUTY VEHICLES       1754          156         5233         6637        90746
               OFF HIGHWAY                136           75         1347         4847        51969
               TOTAL (GASOLINE)         38998         1841        44932        65761       608080

          DIESEL

               HEAVY DUTY VEHICLES       4421         1988        19410         2599         7391
               OFF HIGHWAY                740          619         7467         1097         2211
               RAIL                       385          875         5683         1443         1999
               TOTAL (DIESEL)            5546         3482        32560         5139        11601

     AIRCRAFT

          MILITARY                         37            3           22           65          117
          CIVIL                             1            0            3           59         2787
          COMMERCIAL                       13           30          277          310          692
          TOTAL (AIRCRAFT)                 51           33          302          434         3596

     VESSELS

          GASOLINE                          0           14           54         2182         6859
          TOTAL (VESSELS)                   0           14           54         2182         6859

     TOTAL (TRANSPORTATION)             44595         5370        77848        73516       630136

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                     105            0           25          150          881
     STRUCTURAL FIRES                     513            0           61          384         2090
     GASOLINE STA EVAP LOSS                 0            0            0         7870            0
     SOLVENT EVAPORATION LOSS               0            0            0        87443            0
     UNPAVED ROADS                     154860            0            0            0            0
     UNPAVED AIRSTRIPS                     19            0            0            0            0
     TOTAL (MISCELLANEOUS)             155497            0           86        95847         2971

GRAND TOTAL
```

TOTAL (COMM-INST)					
AREA SOURCES	8	2	3	5	10
POINT SOURCES	1	1	1	1	1
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	6	2	2	5	7
POINT SOURCES	5	2	5	4	5
TOTAL (INDUSTRIAL)					
AREA SOURCES	6	2	2	5	7
POINT SOURCES	5	2	5	4	5
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2660	103	678	3605	11414
POINT SOURCES	162	173	148	1019	1356
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	23318	1040	25197	35182	299078
LIGHT DUTY TRUCKS	4861	305	6956	8725	65947
HEAVY DUTY VEHICLES	1449	134	4531	5499	75312
OFF HIGHWAY	120	62	1187	4278	45880
TOTAL (GASOLINE)	29748	1541	37871	53684	486217
DIESEL					
HEAVY DUTY VEHICLES	5020	2315	22391	2878	8219
OFF HIGHWAY	705	591	7134	1048	2111
RAIL	289	659	4274	1087	1502
TOTAL (DIESEL)	6014	3565	33799	5013	11832
AIRCRAFT					
MILITARY	114	11	69	203	365
CIVIL	2	0	3	56	2524
COMMERCIAL	11	25	237	265	592
TOTAL (AIRCRAFT)	127	36	309	524	3481
VESSELS					
GASOLINE	0	13	49	1978	6214
TOTAL (VESSELS)	0	13	49	1978	6214
TOTAL (TRANSPORTATION)	35889	5155	72028	61199	507744
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	56	0	11	76	450
STRUCTURAL FIRES	360	0	42	269	1465
GASOLINE STA EVAP LOSS	0	0	0	6238	0
SOLVENT EVAPORATION LOSS	0	0	0	61813	0
UNPAVED ROADS	176888	0	0	0	0
TOTAL (MISCELLANEOUS)	177304	0	53	68396	1915
GRAND TOTAL ***********					
AREA SOURCES	219449	17460	88250	136285	538024

```
*** D08 ***                                                                                                     *** D08 ***

                                                   NATIONAL EMISSIONS DATA SYSTEM
                                                  ********************************

                                                   ENVIRONMENTAL PROTECTION AGENCY
                                                  *********************************

STATE EMISSIONS REPORT                                                           RUN DATE:   TUESDAY     JANUARY 26, 1982
*****************************                                        AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE 41:RHODE ISLAND                                               POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                                  PARTICULATES       SOX            NOX            HC             CO
                                  ************   ************   ************   ************   ************
                                   TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                4              9              1              1             32
            DISTILLATE OIL               240           2764           1727             97            480
            NATURAL GAS                   70              4            557             56            139
            WOOD                         184              4              8             37           1323
            TOTAL (RESIDENTIAL)          498           2781           2293            191           1974

        ELEC GENERATION (POINT)

            RESIDUAL OIL                1979           1256           2250             21            100
            NATURAL GAS                    8              1            357              1             10
            TOTAL (ELEC GEN)            1987           1257           2607             22            110

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               7             37             20              0              1
            RESIDUAL OIL
                AREA SOURCES              27            143             90              1              8
                POINT SOURCES            217           2691           1065             21             82
            DISTILLATE OIL
                AREA SOURCES              19            186            225             12             32
                POINT SOURCES              1             38              7              0              1
            NATURAL GAS
                AREA SOURCES              29              1            567             27             55
                POINT SOURCES              1              0             29              0              3
            TOTAL (INDUSTRIAL)
                AREA SOURCES              82            367            902             40             96
                POINT SOURCES            219           2729           1101             21             86

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES               4             10              4              0              0
            RESIDUAL OIL
                POINT SOURCES            140           1710            751             24             52
            DISTILLATE OIL
                AREA SOURCES              55            785            601             28            138
                POINT SOURCES              0              5              3              0              1
            NATURAL GAS
                AREA SOURCES              28              1            326             21             55
                POINT SOURCES              3              0             99              0              5
            TOTAL (COMM-INST)
```

HEAVY DUTY VEHICLES	147	18	616	605	8224
OFF HIGHWAY	23	12	230	827	8877
TOTAL (GASOLINE)	4636	313	7489	9492	78200
DIESEL					
HEAVY DUTY VEHICLES	456	254	2375	247	732
OFF HIGHWAY	165	138	1659	245	492
RAIL	27	63	408	104	144
TOTAL (DIESEL)	646	455	4442	596	1368
AIRCRAFT					
CIVIL	0	0	0	7	373
TOTAL (AIRCRAFT)	0	0	0	7	373
VESSELS					
GASOLINE	0	4	13	514	1613
TOTAL (VESSELS)	0	4	13	514	1613
TOTAL (TRANSPORTATION)	5282	772	11944	10609	81554
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	420	3	99	593	3460
FOREST MANAGED BURNING	2348	19	469	2113	13143
STRUCTURAL FIRES	62	0	7	45	250
GASOLINE STA EVAP LOSS	0	0	0	1332	0
SOLVENT EVAPORATION LOSS	0	0	0	9532	0
UNPAVED ROADS	31003	0	0	0	0
TOTAL (MISCELLANEOUS)	33833	22	575	13615	16853
GRAND TOTAL ***********					
AREA SOURCES	40640	1012	13586	25803	107467
POINT SOURCES	21301	30125	15578	1627	2261
TOTAL	61941	31137	29164	27430	109728

```
*** D10 ***                                                                                          *** D10 ***
                POINT SOURCES            1454          2353          615          32          86

      TOTAL  (EXTERNAL COMB)
                AREA SOURCES              287           299         1246         263        1746
                POINT SOURCES           11197         42644        15890         375        1008

   TOTAL  (FUEL COMBUSTION)

                AREA SOURCES              287           299         1246         263        1746
                POINT SOURCES           11197         42644        15890         375        1008

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                 139          1530           97        7235           0
   FOOD/AGRICULTURAL                        3             0            0           0           0
   PRIMARY METAL                          158             0            0           0           0
   SECONDARY METALS                         3             0            0           0           0
   MINERAL PRODUCTS                     54744          6919         1780          99         153
   WOOD PRODUCTS                          425             0            0         314           0
   ORGANIC SOLVENT EVAPORATION              0             0            0       58949           0
   PETROLEUM STORAGE/TRANSPORT              0             0            0        8277           0
   TEXTILE MANUFACTURING                    1             0            0           0           0
   OTHER/NOT CLASSIFIED                    13          1371            0           0           0
   TOTAL  (INDUSTRIAL)                  55486          9820         1877       74874         153

SOLID WASTE DISPOSAL
********************

   GOVERNMENT  (POINT)

      MUNICIPAL INCINERATION                6             0            0           6           7
      OTHER INCINERATION                   72             2           12           2           0
      TOTAL  (GOVERNMENT)                  78             2           12           8           7

   RESIDENTIAL  (AREA)

      ON SITE INCINERATION                232             4            7         654        1962
      OPEN BURNING                        717            26          184         968        3068
      TOTAL  (RESIDENTIAL)                949            30          191        1622        5030

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
                AREA SOURCES                9             0            3          16          43
      TOTAL  (COMM-INST)
                AREA SOURCES                9             0            3          16          43

   INDUSTRIAL

      ON SITE INCINERATION
                POINT SOURCES               1             0            0           2          26
      OPEN BURNING
                AREA SOURCES               15             1            5          26          90
      TOTAL  (INDUSTRIAL)
                AREA SOURCES               15             1            5          26          90
                POINT SOURCES               1             0            0           2          26

   TOTAL  (SOLID WASTE DISP)
                AREA SOURCES              973            31          199        1664        5163
                POINT SOURCES              79             2           12          10          33

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES
```

```
*** D11 ***                                                                                               *** D11 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:42 SOUTH CAROLINA  AQCR:203 GREENWOOD

                              PARTICULATES        SOX           NOX           HC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 9            97            61             3            17
         NATURAL GAS                    9             0            66             7            18
         WOOD                         439            10            17            88          3159
         TOTAL (RESIDENTIAL)          457           107           144            98          3194

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES             213          2827           588            10            48
         DISTILLATE OIL
            AREA SOURCES                0            12            13             0             1
            POINT SOURCES               1            23             9             0             2
         NATURAL GAS
            AREA SOURCES               12             0           454           109            54
            POINT SOURCES              21             1           711             5            38
         WOOD
            POINT SOURCES             141             6            38             8             8
         TOTAL (INDUSTRIAL)
            AREA SOURCES               12            12           467           109            55
            POINT SOURCES             376          2857          1346            23            96

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                1            25             5             0             0
         DISTILLATE OIL
            AREA SOURCES                1            12             9             0             2
         NATURAL GAS
            AREA SOURCES                3             0            38             2             5
         TOTAL (COMM-INST)
            AREA SOURCES                5            37            52             2             7

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              474           156           663           209          3256
            POINT SOURCES             376          2857          1346            23            96

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              474           156           663           209          3256
            POINT SOURCES             376          2857          1346            23            96

INDUSTRIAL PROCESS (POINT)
**************************
```

```
*** D12 ***                                                                                        *** D12 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                       *******************************

                                                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*****************************                              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:43 SOUTH DAKOTA     AQCR:087 METROPOLITAN SIOUX FALLS

                             PARTICULATES         SOX           NOX            HC            CO
                             ************    ************   ************   ************   ************
                              TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          DISTILLATE OIL              6              64             40              2             11
          NATURAL GAS                20               1            155             16             39
          WOOD                       28               0              1              6            198
          TOTAL (RESIDENTIAL)        54              65            196             24            248

       ELEC GENERATION (POINT)

          BITUMINOUS COAL           667            3503            425             17             39
          RESIDUAL OIL                5              62            691              0              2
          NATURAL GAS                 0               0            320              0              1
          TOTAL (ELEC GEN)          672            3565           1436             17             42

       INDUSTRIAL FUEL

          BITUMINOUS COAL
             AREA SOURCES           121             348            184              5             11
          RESIDUAL OIL
             POINT SOURCES           24             324              0              1              6
          DISTILLATE OIL
             AREA SOURCES             1              12             16              1              2
          NATURAL GAS
             AREA SOURCES             0               0             38             15              5
             POINT SOURCES            0               0             57              0              0
          TOTAL (INDUSTRIAL)
             AREA SOURCES           122             360            238             21             18
             POINT SOURCES           24             324             57              1              6

       COMM-INSTITUTIONAL FUEL

          RESIDUAL OIL
             AREA SOURCES             0              11              4              0              0
          DISTILLATE OIL
             AREA SOURCES             0               6              4              0              1
             POINT SOURCES            9             348            102              5             23
          NATURAL GAS
             AREA SOURCES            14               1            171             11             28
             POINT SOURCES            0               0            342              0              8
          TOTAL (COMM-INST)
             AREA SOURCES            14              18            179             11             29
             POINT SOURCES            9             348            444              5             31

       TOTAL (EXTERNAL COMB)
             AREA SOURCES           190             443            613             56            295
```

```
*** D13 ***                                                                                              *** D13 ***
        DIESEL FUEL                          938          1177          8776          2308          3073
        GASOLINE                               0            57           238          9737         30561
        TOTAL (VESSELS)                      938          1234          9014         12045         33634

    TOTAL (TRANSPORTATION)                123999         19001        249992        209091       1680091

MISCELLANEOUS (AREA)
*********************

    FOREST WILDFIRES                        3534            19           829          4984         29085
    FOREST MANAGED BURNING                  4645            27           931          4181         26018
    STRUCTURAL FIRES                        1124             1           129           840          4565
    GASOLINE STA EVAP LOSS                     0             0             0         23831             0
    SOLVENT EVAPORATION LOSS                   0             0             0        140857             0
    UNPAVED ROADS                         352386             0             0             0             0
    UNPAVED AIRSTRIPS                          3             0             0             0             0
    TOTAL (MISCELLANEOUS)                 361692            47          1889        174693         59668

GRAND TOTAL
***********

    AREA SOURCES                          498494         20877        265219        404581       1808524

    POINT SOURCES                         148484       1120828        322808        158014        165545

    TOTAL                                 646978       1141705        588027        562595       1974069
```

```
*** D14 ***                                                                                                   *** D14 ***
            POINT SOURCES                  1              1              0              0              0
         RESIDUAL OIL
            AREA SOURCES                   8            207             41              0              1
            POINT SOURCES                  0              0              1              0              0
         DISTILLATE OIL
            POINT SOURCES                  0             43             16              0              1
         NATURAL GAS
            AREA SOURCES                  37              1            471             28             80
            POINT SOURCES                  7              2             74              2             10
         WOOD
            POINT SOURCES                  1              1              6             23             19
         LIQUID PETROL GAS
            POINT SOURCES                  0              0              2              0              0
         OTHER
            POINT SOURCES                 19             42              4             18             82
         TOTAL (COMM-INST)
            AREA SOURCES                 175            522            649             28             90
            POINT SOURCES                383           1676            689            206            915

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 556            751           3902           1026           2534
            POINT SOURCES              28439         332501         114601          11075          17433

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                    0              5              1              0              4
         TOTAL (ELEC GEN)                  0              5              1              0              4

      INDUSTRIAL FUEL

         NATURAL GAS                       1              1           2278              8            257
         TOTAL (INDUSTRIAL)                1              1           2278              8            257

      TOTAL (INTERNAL COMB)                1              6           2279              8            261

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                 556            751           3902           1026           2534
            POINT SOURCES              28440         332507         116880          11083          17694

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                792           3094           3106          35192           5803
   FOOD/AGRICULTURAL                     319              0              0              4              0
   PRIMARY METAL                        2924          13846           1038             50          24964
   SECONDARY METALS                      246            184            221            265           2554
   MINERAL PRODUCTS                     7816           2547           1174           2387           3154
   PETROLEUM INDUSTRY                    148              0              0           1309              0
   WOOD PRODUCTS                        1820            987             36            160           4081
   ORGANIC SOLVENT EVAPORATION          1242              0             15          15881             19
   PETROLEUM STORAGE/TRANSPORT             0              0              0            588              0
   METAL FABRICATION                      15              0              7              3              1
   TEXTILE MANUFACTURING                  11             10             16           1767              2
   OTHER/NOT CLASSIFIED                   84           3927             13           1213            936
   TOTAL (INDUSTRIAL)                  15417          24595           5626          58819          41514

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION               8              6              8              6             69
      OPEN BURNING                        13              1             59             35             22
```

GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	50	5	6	13	61
OPEN BURNING	1345	66	428	2317	6298
OTHER INCINERATION	110	11	100	103	308
TOTAL (GOVERNMENT)	1505	82	534	2433	6667
RESIDENTIAL (AREA)					
ON SITE INCINERATION	3417	34	83	9640	28922
OPEN BURNING	10648	381	2715	14402	45637
TOTAL (RESIDENTIAL)	14065	415	2798	24042	74559
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	748	206	363	445	1066
POINT SOURCES	20	35	20	26	309
OPEN BURNING					
AREA SOURCES	19	0	5	38	92
TOTAL (COMM-INST)					
AREA SOURCES	767	206	368	483	1158
POINT SOURCES	20	35	20	26	309
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	714	122	122	653	945
POINT SOURCES	2534	6035	1513	2263	19001
OPEN BURNING					
AREA SOURCES	206	5	59	332	1218
POINT SOURCES	2	0	9	0	1
TOTAL (INDUSTRIAL)					
AREA SOURCES	920	127	181	985	2163
POINT SOURCES	2536	6035	1522	2263	19002
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	15752	748	3347	25510	77880
POINT SOURCES	4061	6152	2076	4722	25978
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	296646	10890	242860	370722	3285867
LIGHT DUTY TRUCKS	83196	4711	99600	130668	991393
HEAVY DUTY VEHICLES	18075	1470	45083	61518	856273
OFF HIGHWAY	1181	622	11623	41839	448652
TOTAL (GASOLINE)	399098	17693	399166	604747	5582185
DIESEL					
HEAVY DUTY VEHICLES	47239	19586	176113	25744	76728
OFF HIGHWAY	3256	2718	32877	4834	9729
RAIL	3691	8377	54364	13809	19114
TOTAL (DIESEL)	54186	30681	263354	44387	105571
AIRCRAFT					
MILITARY	7976	749	4794	14191	25556
CIVIL	21	5	31	754	34775
COMMERCIAL	290	634	5903	6603	14732
TOTAL (AIRCRAFT)	8287	1388	10728	21548	75063

```
*** D16 ***                                                                                                   *** D16 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          10192          320          5510          16093          175431
         LIGHT DUTY TRUCKS             2227          118          2008           4195           40009
         HEAVY DUTY VEHICLES            404           28           576           1716           29054
         OFF HIGHWAY                     22           11           220            796            8531
         TOTAL (GASOLINE)             12845          477          8314          22800          253025

      DIESEL

         HEAVY DUTY VEHICLES           1052          398          3610           1171            2792
         OFF HIGHWAY                     97           80           982            144             290
         RAIL                           129          296          1919            487             674
         TOTAL (DIESEL)                1278          774          6511           1802            3756

   AIRCRAFT

         MILITARY                       256           24           154            455             820
         CIVIL                            1            1             1             24            1170
         COMMERCIAL                      10           23           213            239             533
         TOTAL (AIRCRAFT)               267           48           368            718            2523

   VESSELS

         GASOLINE                         0            1             5            179             560
         TOTAL (VESSELS)                  0            1             5            179             560

   TOTAL (TRANSPORTATION)             14390         1300         15198          25499          259864

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                    108            0            12             82             442
    GASOLINE STA EVAP LOSS                0            0             0           2409               0
    SOLVENT EVAPORATION LOSS              0            0             0          12761               0
    UNPAVED ROADS                    291305            0             0              0               0
    UNPAVED AIRSTRIPS                    11            0             0              0               0
    TOTAL (MISCELLANEOUS)            291424            0            12          15252             442

GRAND TOTAL
***********

    AREA SOURCES                     306876         5573         28980          46312          264816

    POINT SOURCES                      8770       212574         10432          14923           18077

    TOTAL                            315646       218147         39412          61235          282893
```

POINT SOURCES	1	0	12	0	1
TOTAL (COMM-INST)					
AREA SOURCES	454	2799	4550	273	762
POINT SOURCES	1	0	12	0	1
TOTAL (EXTERNAL COMB)					
AREA SOURCES	6159	50793	238133	87186	32046
POINT SOURCES	13897	52295	153634	1052	2275
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	0	1955	114	0	0
NATURAL GAS	23	9	1350	25	61
DIESEL	0	0	1752	0	0
TOTAL (ELEC GEN)	23	1964	3216	25	61
INDUSTRIAL FUEL					
DISTILLATE OIL	4	4	66	28	11
NATURAL GAS	213	17	72100	695	7343
GASOLINE	1	1	10	16	397
DIESEL FUEL	4	3	66	1	11
TOTAL (INDUSTRIAL)	222	25	72242	740	7762
TOTAL (INTERNAL COMB)	245	1989	75458	765	7823
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	6159	50793	238133	87186	32046
POINT SOURCES	14142	54284	229092	1817	10098
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	15680	98639	3025	307984	294186
FOOD/AGRICULTURAL	4819	0	45	2	0
PRIMARY METAL	8022	5023	1621	1174	69302
SECONDARY METALS	164	0	4	0	73
MINERAL PRODUCTS	18401	38783	11170	87	200
PETROLEUM INDUSTRY	15916	49444	26844	61217	516206
WOOD PRODUCTS	678	3552	153	103	4237
ORGANIC SOLVENT EVAPORATION	6	0	0	15305	4
PETROLEUM STORAGE/TRANSPORT	15	0	0	137956	0
METAL FABRICATION	61	0	5	60	1
OTHER/NOT CLASSIFIED	318	8	59	17370	5546
TOTAL (INDUSTRIAL)	64080	195449	42926	541258	889755
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OPEN BURNING	10	1	4	18	51
TOTAL (GOVERNMENT)	10	1	4	18	51
RESIDENTIAL (AREA)					
ON SITE INCINERATION	704	10	21	1985	5955
OPEN BURNING	2179	81	557	2939	9324
TOTAL (RESIDENTIAL)	2883	91	578	4924	15279
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					

```
*** E01 ***                                                                                           *** E01 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

                                                                 RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*****************************                        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 37:OKLAHOMA

                                PARTICULATES         SOX           NOX            HC            CO
                                ************   ************  ************  ************  ************
                                 TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  43           175             5            43           194
         DISTILLATE OIL                    0             2             1             0             0
         NATURAL GAS                     471            18          3753           378           941
         WOOD                           2345            43            93           475         16830
         TOTAL (RESIDENTIAL)            2859           238          3852           896         17965

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               18905         30530         11137           273           913
         DISTILLATE OIL                   11            70           165             2             9
         NATURAL GAS                    2795            93         99595           594          3006
         TOTAL (ELEC GEN)              21711         30693        110897           869          3928

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES                 19            29           240             0            13
         BITUMINOUS COAL
            AREA SOURCES                 809          7750          1374            35            80
            POINT SOURCES                 71          1736          1555            43           132
         RESIDUAL OIL
            POINT SOURCES                133          5202          1686            38            62
         DISTILLATE OIL
            AREA SOURCES                  53           541           664            32            93
            POINT SOURCES                  1             0            17             3             0
         NATURAL GAS
            AREA SOURCES                1143            62        175840         67066         23534
            POINT SOURCES                289          2263         10769           137           438
         PROCESS GAS
            POINT SOURCES               1286          6066          1073          1195         69724
         WOOD
            POINT SOURCES                110           113           820           161           152
         LIQUID PETROL GAS
            POINT SOURCES                  0             0             1             0             0
         OTHER
            POINT SOURCES                  0             0             1             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                2005          8353        177878         67133         23707
            POINT SOURCES               1909         15409         16162          1577         70521

      COMM-INSTITUTIONAL FUEL
```

GASOLINE	0	20	78	3162	9938
TOTAL (VESSELS)	0	20	78	3162	9938
TOTAL (TRANSPORTATION)	9517	1476	21001	20267	156693
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	4516	40	1064	6375	37190
FOREST MANAGED BURNING	142	1	28	127	797
STRUCTURAL FIRES	88	0	7	64	357
GASOLINE STA EVAP LOSS	0	0	0	2098	0
SOLVENT EVAPORATION LOSS	0	0	0	7430	0
UNPAVED ROADS	166319	0	0	0	0
TOTAL (MISCELLANEOUS)	171065	41	1099	16094	38344
GRAND TOTAL					
***********					
AREA SOURCES	182281	2331	33041	41747	204900
POINT SOURCES	3014	5471	23596	11989	60985
TOTAL	185295	7802	56637	53736	265885

```
*** E04 ***                                                                                           *** E04 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:38 OREGON          AQCR:191 EASTERN OREGON

                               PARTICULATES       SOX          NOX          HC           CO
                               ************  ************ ************ ************ ************
                                TONS / YR     TONS / YR    TONS / YR    TONS / YR    TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                30           27            4           30          139
         DISTILLATE OIL                 12          337           85            4           23
         NATURAL GAS                     8            0           63            5           16
         WOOD                          506           11           19          102         3636
         TOTAL (RESIDENTIAL)           556          375          171          141         3814

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 1            4            1            0            0
            POINT SOURCES               52          734          918           19           68
         RESIDUAL OIL
            POINT SOURCES                4          101           30            0            2
         DISTILLATE OIL
            AREA SOURCES                 7          169           81            3           12
         NATURAL GAS
            AREA SOURCES                 1            0          365          141           50
            POINT SOURCES                6            0          167            2           10
         WOOD
            AREA SOURCES                68           13           85           18           26
            POINT SOURCES             2387            9         3094          634          613
         LIQUID PETROL GAS
            POINT SOURCES                0            0            4            0            0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                77          186          532          162           88
            POINT SOURCES             2449          844         4213          655          693

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 4            4            4            0            0
         RESIDUAL OIL
            AREA SOURCES                19          206           65            0            6
         DISTILLATE OIL
            AREA SOURCES                 2          130           39            1            7
            POINT SOURCES               24           83          134            4            7
         NATURAL GAS
            AREA SOURCES                 3            0           40            1            6
         OTHER
            POINT SOURCES                0            0            2            0            0
         TOTAL (COMM-INST)
            AREA SOURCES                28          340          148            2           19
            POINT SOURCES               24           83          136            4            7
```

TOTAL (GASOLINE)	7966	449	10959	15527	129443
DIESEL					
HEAVY DUTY VEHICLES	1246	613	5962	725	2074
OFF HIGHWAY	158	130	1589	233	471
RAIL	211	481	3119	792	1097
TOTAL (DIESEL)	1615	1224	10670	1750	3642
AIRCRAFT					
MILITARY	2	0	1	3	5
CIVIL	2	0	4	47	2171
COMMERCIAL	3	6	55	62	137
TOTAL (AIRCRAFT)	7	6	60	112	2313
VESSELS					
DIESEL FUEL	30	37	279	73	98
RESIDUAL OIL	49	641	105	7	4
GASOLINE	0	5	19	768	2414
TOTAL (VESSELS)	79	683	403	848	2516
TOTAL (TRANSPORTATION)	9667	2362	22092	18237	137914
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	3928	34	924	5546	32348
FOREST MANAGED BURNING	8422	63	1684	7580	47163
AGRICULTURAL BURNING	3	0	0	3	17
STRUCTURAL FIRES	78	0	8	58	317
GASOLINE STA EVAP LOSS	0	0	0	2027	0
SOLVENT EVAPORATION LOSS	0	0	0	8462	0
UNPAVED ROADS	328270	0	0	0	0
UNPAVED AIRSTRIPS	45	0	0	0	0
TOTAL (MISCELLANEOUS)	340746	97	2616	23676	79845
GRAND TOTAL ***********					
AREA SOURCES	353844	4306	27203	43697	239839
POINT SOURCES	13577	2632	8811	7637	6718
TOTAL	367421	6938	36014	51334	246557

```
*** E06 ***
***********
    AREA SOURCES                    207139      22798      95882     176684     666474
    POINT SOURCES                   225626     340562      69840      18757     106120
    TOTAL                           432765     363360     165722     195441     772594
```

```
                                                                                                    *** E07 ***
*** E07 ***
    POINT SOURCES                         19682          193408          46069          23067          5066

    TOTAL                                239131          210868         134319         159352        543090
```

AREA SOURCES	87	796	931	49	193
POINT SOURCES	143	1715	853	24	58
TOTAL (EXTERNAL COMB)					
AREA SOURCES	667	3944	4126	280	2263
POINT SOURCES	2349	5701	4561	67	254
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	667	3944	4126	280	2263
POINT SOURCES	2349	5701	4561	67	254
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	0	0	0	400	0
SECONDARY METALS	110	0	2	0	2056
MINERAL PRODUCTS	624	340	439	0	15
ORGANIC SOLVENT EVAPORATION	0	0	0	9444	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	3702	0
TEXTILE MANUFACTURING	0	0	0	18	0
TOTAL (INDUSTRIAL)	734	340	441	13564	2071
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	231	48	38	37	660
TOTAL (GOVERNMENT)	231	48	38	37	660
RESIDENTIAL (AREA)					
ON SITE INCINERATION	659	10	21	1849	5547
OPEN BURNING	559	21	142	753	2387
TOTAL (RESIDENTIAL)	1218	31	163	2602	7934
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	22	6	10	13	31
OPEN BURNING					
AREA SOURCES	4	0	1	9	21
TOTAL (COMM-INST)					
AREA SOURCES	26	6	11	22	52
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	5	0	0	5	6
OPEN BURNING					
AREA SOURCES	34	1	12	59	209
TOTAL (INDUSTRIAL)					
AREA SOURCES	39	1	12	64	215
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1283	38	186	2688	8201
POINT SOURCES	231	48	38	37	660
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					

*** E09 ***

*** E09 ***

GASOLINE					
LIGHT DUTY VEHICLES	6843	270	6263	8921	77565
LIGHT DUTY TRUCKS	1161	68	1490	1924	14482
HEAVY DUTY VEHICLES	295	24	754	1042	14301
OFF HIGHWAY	18	10	177	638	6837
TOTAL (GASOLINE)	8317	372	8684	12525	113185
DIESEL					
HEAVY DUTY VEHICLES	913	405	3798	516	1521
OFF HIGHWAY	142	118	1435	212	425
RAIL	48	107	689	175	243
TOTAL (DIESEL)	1103	630	5922	903	2189
AIRCRAFT					
MILITARY	276	26	166	492	886
CIVIL	0	0	1	17	793
COMMERCIAL	6	12	115	129	287
TOTAL (AIRCRAFT)	282	38	282	638	1966
VESSELS					
DIESEL FUEL	100	125	936	246	328
RESIDUAL OIL	66	866	142	10	5
GASOLINE	0	24	90	3625	11389
TOTAL (VESSELS)	166	1015	1168	3881	11722
TOTAL (TRANSPORTATION)	9868	2055	16056	17947	129062
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	476	5	112	673	3924
FOREST MANAGED BURNING	811	6	162	731	4547
STRUCTURAL FIRES	96	0	11	72	391
GASOLINE STA EVAP LOSS	0	0	0	1790	0
SOLVENT EVAPORATION LOSS	0	0	0	9161	0
UNPAVED ROADS	19557	0	0	0	0
TOTAL (MISCELLANEOUS)	20940	11	285	12427	8862
GRAND TOTAL ***********					
AREA SOURCES	32068	2396	17786	32301	144833
POINT SOURCES	66762	52466	17779	75259	1194
TOTAL	98830	54862	35565	107560	146027

CHEMICAL MANUFACTURING	0	0	0	270	0
SECONDARY METALS	26	0	0	0	218
MINERAL PRODUCTS	745	3	111	9	11
METAL FABRICATION	15	0	0	0	0
TEXTILE MANUFACTURING	0	0	0	94	0
TOTAL (INDUSTRIAL)	786	3	111	373	229
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	109	2	2	308	925
OPEN BURNING	469	18	120	632	2005
TOTAL (RESIDENTIAL)	578	20	122	940	2930
COMMERCIAL-INSTITUTIONAL					
OPEN BURNING					
AREA SOURCES	6	0	1	13	29
TOTAL (COMM-INST)					
AREA SOURCES	6	0	1	13	29
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	149	2	28	305	3600
OPEN BURNING					
AREA SOURCES	3	0	0	3	15
TOTAL (INDUSTRIAL)					
AREA SOURCES	3	0	0	3	15
POINT SOURCES	149	2	28	305	3600
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	587	20	123	956	2974
POINT SOURCES	149	2	28	305	3600
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2612	152	3689	4793	37152
LIGHT DUTY TRUCKS	515	43	944	1107	7587
HEAVY DUTY VEHICLES	101	12	405	408	5551
OFF HIGHWAY	18	8	165	593	6344
TOTAL (GASOLINE)	3246	215	5203	6901	56634
DIESEL					
HEAVY DUTY VEHICLES	281	153	1431	156	460
OFF HIGHWAY	118	99	1193	176	353
RAIL	20	45	289	74	102
TOTAL (DIESEL)	419	297	2913	406	915
AIRCRAFT					
CIVIL	0	0	0	6	286
TOTAL (AIRCRAFT)	0	0	0	6	286
VESSELS					
GASOLINE	0	8	29	1193	3747

```
              POINT SOURCES          705          4237          1937           23           79

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES           190           443           613           56          295
              POINT SOURCES          705          4237          1937           23           79

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                206             0             0            0            0
    MINERAL PRODUCTS                2845             0             0            0            0
    PETROLEUM STORAGE/TRANSPORT        0             0             0         1581            0
    TOTAL (INDUSTRIAL)              3051             0             0         1581            0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION         143             2             3          403         1209
        OPEN BURNING                 176             6            45          237          755
        TOTAL (RESIDENTIAL)          319             8            48          640         1964

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES          12             3             6            7           18
        TOTAL (COMM-INST)
                AREA SOURCES          12             3             6            7           18

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES           6             1             1            6            8
        TOTAL (INDUSTRIAL)
                AREA SOURCES           6             1             1            6            8

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES         337            12            55          653         1990

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES     1882            87          2205         3128        26573
            LIGHT DUTY TRUCKS        532            36           838         1059         7982
            HEAVY DUTY VEHICLES      144            14           485          565         7681
            OFF HIGHWAY               27            14           265          955        10242
            TOTAL (GASOLINE)        2585           151          3793         5707        52478

        DIESEL

            HEAVY DUTY VEHICLES     1108           490          4885          651         1804
            OFF HIGHWAY              200           168          2034          298          602
            RAIL                      27            61           393          100          139
            TOTAL (DIESEL)          1335           719          7312         1049         2545

    AIRCRAFT

        MILITARY                      26             2            16           46           83
        CIVIL                          0             0             1           11          492
        COMMERCIAL                     6            14           126          141          315
```

```
*** E14 ***                                                                                               *** E14 ***
     OTHER INCINERATION                      2            1             7             2              0
     TOTAL (GOVERNMENT)                     23            8            74            43             91

  RESIDENTIAL (AREA)

     ON SITE INCINERATION                  798            9            26          2242           6727
     OPEN BURNING                         2970          112           761          4010          12716
     TOTAL (RESIDENTIAL)                  3768          121           787          6252          19443

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
             POINT SOURCES                  27           17            27            23            173
     OPEN BURNING
             AREA SOURCES                   32            2            12            64            175
     TOTAL (COMM-INST)
             AREA SOURCES                   32            2            12            64            175
             POINT SOURCES                  27           17            27            23            173

  INDUSTRIAL

     ON SITE INCINERATION
             POINT SOURCES                 428           97            82           148            740
     OPEN BURNING
             AREA SOURCES                   24            0             6            34            135
             POINT SOURCES                   4            0             1             4             26
     TOTAL (INDUSTRIAL)
             AREA SOURCES                   24            0             6            34            135
             POINT SOURCES                 432           97            83           152            766

  TOTAL (SOLID WASTE DISP)
             AREA SOURCES                 3824          123           805          6350          19753
             POINT SOURCES                 482          122           184           218           1050

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES              24728         1248         30058         40284         327165
        LIGHT DUTY TRUCKS                 5768          421          9385         10871          77600
        HEAVY DUTY VEHICLES               1171          120          4081          4258          58649
        OFF HIGHWAY                        122           65          1209          4352          46687
        TOTAL (GASOLINE)                 31789         1854         44733         59765         510101

     DIESEL

        HEAVY DUTY VEHICLES               3633         1773         16376          1944           5704
        OFF HIGHWAY                        905          758          9154          1346           2707
        RAIL                               408          925          6015          1526           2115
        TOTAL (DIESEL)                    4946         3456         31545          4816          10526

  AIRCRAFT

     MILITARY                               52            5            31            92            166
     CIVIL                                   0            0             3            60           2690
     COMMERCIAL                             18           41           381           426            948
     TOTAL (AIRCRAFT)                       70           46           415           578           3804

  VESSELS

     DIESEL FUEL                           111          141          1051           279            367
     GASOLINE                                0           24           102          4077          12799
     TOTAL (VESSELS)                       111          165          1153          4356          13166
```

```
*** E15 ***                                                                                          *** E15 ***
   VESSELS

      DIESEL FUEL                              1910          2387         17825          4680          6240
      RESIDUAL OIL                             2944         38802          6376           442           213
      GASOLINE                                    0           252           985         39965        125497
      TOTAL (VESSELS)                          4854         41441         25186         45087        131950

   TOTAL (TRANSPORTATION)                    466425         91203        698434        715769       5894769

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                          154358          1363         36315        217913       1271160
   FOREST MANAGED BURNING                      3789            26           758          3404         21192
   STRUCTURAL FIRES                            3200             4           363          2388         13000
   GASOLINE STA EVAP LOSS                         0             0             0         81394             0
   SOLVENT EVAPORATION LOSS                       0             0             0        405942             0
   UNPAVED ROADS                            4854849             0             0             0             0
   UNPAVED AIRSTRIPS                            585             0             0             0             0
   TOTAL (MISCELLANEOUS)                    5016781          1393         37436        711041       1305352

GRAND TOTAL
***********

   AREA SOURCES                             5522671        291893       1565798       1751338       7389397

   POINT SOURCES                             470144       1481466       1368290       1501954       2540730

   TOTAL                                    5992815       1773359       2934088       3253292       9930127
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

STATE/AQCR EMISSIONS REPORT

STATE:45 TEXAS AQCR:213 BROWNSVILLE-LAREDO

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	2	39	16	0	4
NATURAL GAS	41	2	340	34	85
TOTAL (RESIDENTIAL)	43	41	356	34	89
ELEC GENERATION (POINT)					
RESIDUAL OIL	51	609	108	0	0
DISTILLATE OIL	1	36	11	0	0
NATURAL GAS	257	12	10362	14	59
TOTAL (ELEC GEN)	309	657	10481	14	59
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	322	1957	688	20	45
RESIDUAL OIL					
AREA SOURCES	143	2485	494	8	41
DISTILLATE OIL					
AREA SOURCES	8	123	100	5	14
POINT SOURCES	20	25	60	5	14
NATURAL GAS					
AREA SOURCES	57	3	12435	4922	1685
POINT SOURCES	82	0	973	0	20
BAGASSE					
POINT SOURCES	108	0	3	10	4
TOTAL (INDUSTRIAL)					
AREA SOURCES	530	4568	13717	4955	1785
POINT SOURCES	210	25	1036	15	38
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	11	195	39	0	3
DISTILLATE OIL					
AREA SOURCES	6	122	63	3	14
NATURAL GAS					
AREA SOURCES	33	2	409	26	69
TOTAL (COMM-INST)					
AREA SOURCES	50	319	511	29	86
TOTAL (EXTERNAL COMB)					
AREA SOURCES	623	4928	14584	5018	1960
POINT SOURCES	519	682	11517	29	97

```
               AREA SOURCES           163        50        79        95       225
               POINT SOURCES            2         2        17         0         0
     OPEN BURNING
               AREA SOURCES             5         0         2        10        25
     TOTAL (COMM-INST)
               AREA SOURCES           168        50        81       105       250
               POINT SOURCES            2         2        17         0         0

   INDUSTRIAL

     ON SITE INCINERATION
               AREA SOURCES           146        28        28       132       198
               POINT SOURCES         1186      5882       958       775      5294
     OPEN BURNING
               AREA SOURCES            49         2        15        83       294
               POINT SOURCES            2         0         9         0         1
     TOTAL (INDUSTRIAL)
               AREA SOURCES           195        30        43       215       492
               POINT SOURCES         1188      5882       967       775      5295

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES          3246       171       702      5244     16021
               POINT SOURCES         1200      5885       988       793      5346

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES         65160      2251     48632     70794    639641
        LIGHT DUTY TRUCKS           17252       875     18297     24203    186841
        HEAVY DUTY VEHICLES          4025       314      9500     12802    179340
        OFF HIGHWAY                   191        99      1884      6785     72768
        TOTAL (GASOLINE)            86628      3539     78313    114584   1078590

     DIESEL

        HEAVY DUTY VEHICLES         10876      4445     39740      5708     17244
        OFF HIGHWAY                   414       346      4177       613      1236
        RAIL                          846      1929     12506      3178      4395
        TOTAL (DIESEL)              12136      6720     56423      9499     22875

   AIRCRAFT

     MILITARY                          90         8        54       160       288
     CIVIL                              4         1         6       101      4651
     COMMERCIAL                        71       155      1445      1617      3606
     TOTAL (AIRCRAFT)                 165       164      1505      1878      8545

   VESSELS

     DIESEL FUEL                      987      1234      9209      2418      3224
     RESIDUAL OIL                    1657     21838      3588       249       120
     GASOLINE                           0        54       207      8331     26171
     TOTAL (VESSELS)                 2644     23126     13004     10998     29515

   TOTAL (TRANSPORTATION)          101573     33549    149245    136959   1139525

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                 11105        98      2613     15677     91452
   FOREST MANAGED BURNING             222         2        44       198      1239
   STRUCTURAL FIRES                   652         1        77       488      2652
```

*** F01 *** *** F01 ***

RESIDUAL OIL					
AREA SOURCES	36	596	147	2	7
DISTILLATE OIL					
AREA SOURCES	2	51	36	2	6
POINT SOURCES	14	99	50	6	11
NATURAL GAS					
AREA SOURCES	183	7	2240	143	374
POINT SOURCES	59	5	869	54	134
TOTAL (COMM-INST)					
AREA SOURCES	221	654	2423	147	387
POINT SOURCES	73	104	919	60	145
TOTAL (EXTERNAL COMB)					
AREA SOURCES	5085	9245	184153	68176	42059
POINT SOURCES	23693	46206	127978	2506	74594
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	1	2	3	0	3
NATURAL GAS	51	3	2800	24	136
TOTAL (ELEC GEN)	52	5	2803	24	139
INDUSTRIAL FUEL					
DISTILLATE OIL	5	3	28	0	8
NATURAL GAS	34	5	8638	2114	14154
TOTAL (INDUSTRIAL)	39	8	8666	2114	14162
TOTAL (INTERNAL COMB)	91	13	11469	2138	14301
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	5085	9245	184153	68176	42059
POINT SOURCES	23784	46219	139447	4644	88895
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	2470	2382	0	4599	1524
FOOD/AGRICULTURAL	1042	0	99	41	12
PRIMARY METAL	422	30	120	0	0
SECONDARY METALS	277	0	50	4	3016
MINERAL PRODUCTS	54747	3891	3291	63	164
PETROLEUM INDUSTRY	5000	29807	11075	20246	215714
WOOD PRODUCTS	936	1490	208	74	25875
ORGANIC SOLVENT EVAPORATION	19	0	0	5913	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	43565	0
METAL FABRICATION	2	0	0	0	0
OTHER/NOT CLASSIFIED	329	288	0	2491	0
TOTAL (INDUSTRIAL)	65244	37888	14843	76996	246305
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	637	3	9	1791	5379
OPEN BURNING	3836	145	982	5180	16418
TOTAL (RESIDENTIAL)	4473	148	991	6971	21797
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
POINT SOURCES	16	0	0	0	0

```
*** F02 ***                                                                                              *** F02 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

                                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:37 OKLAHOMA       AQCR:185 NORTH CENTRAL OKLAHOMA

                                 PARTICULATES           SOX             NOX             HC              CO
                                 ************     ************    ************    ************    ************
                                  TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                      33               3             270              27              68
         WOOD                             13               0               0               3              90
         TOTAL (RESIDENTIAL)              46               3             270              30             158

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 374           12003           10847             270             900
         NATURAL GAS                      45               2            1856               5             215
         TOTAL (ELEC GEN)                419           12005           12703             275            1115

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  40             388              67               3               3
         DISTILLATE OIL
            AREA SOURCES                   3              32              38               3               6
         NATURAL GAS
            AREA SOURCES                  45               3            6910            2636             925
            POINT SOURCES                105            2059            5826              28             175
         PROCESS GAS
            POINT SOURCES                  0            3380               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  88             423            7015            2642             934
            POINT SOURCES                105            5439            5826              28             175

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                   3              36               8               0               0
         DISTILLATE OIL
            AREA SOURCES                   0               3               3               0               0
         NATURAL GAS
            AREA SOURCES                  11               0             140              10              24
            POINT SOURCES                  0               0               3               0               0
         TOTAL (COMM-INST)
            AREA SOURCES                  14              39             151              10              24
            POINT SOURCES                  0               0               3               0               0

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 148             465            7436            2682            1116
            POINT SOURCES                524           17444           18532             303            1290

   INTERNAL COMBUSTION (POINT)
```

```
*** F04 ***                                                                                  *** F04 ***
      TOTAL  (EXTERNAL COMB)
                AREA SOURCES                 661          901          851          305         3921
                POINT SOURCES               2473          927         4349          659          700

   TOTAL  (FUEL COMBUSTION)

                AREA SOURCES                 661          901          851          305         3921
                POINT SOURCES               2473          927         4349          659          700

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                      8            0            0            0            0
   FOOD/AGRICULTURAL                         778            0            0            8            0
   MINERAL PRODUCTS                         4280         1951          973          161           29
   WOOD PRODUCTS                             992            0           43         1940            3
   ORGANIC SOLVENT EVAPORATION                 0            0            0            8            0
   OTHER/NOT CLASSIFIED                      106          358          331            5           18
   TOTAL  (INDUSTRIAL)                      6164         2309         1347         2122           50

SOLID WASTE DISPOSAL
********************

   GOVERNMENT  (POINT)

      OPEN BURNING                            85            2           16           92          280
      TOTAL  (GOVERNMENT)                     85            2           16           92          280

   RESIDENTIAL  (AREA)

      OPEN BURNING                           204            7           52          275          869
      TOTAL  (RESIDENTIAL)                   204            7           52          275          869

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            POINT SOURCES                      1            0            0            0            0
      TOTAL  (COMM-INST)
            POINT SOURCES                      1            0            0            0            0

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                       3            0            0            3            3
            POINT SOURCES                    568            5           69          101         3288
      OPEN BURNING
            AREA SOURCES                       1            0            0            1            5
            POINT SOURCES                      3            0            0            1           10
      TOTAL  (INDUSTRIAL)
            AREA SOURCES                       4            0            0            4            8
            POINT SOURCES                    571            5           69          102         3298

   TOTAL  (SOLID WASTE DISP)
            AREA SOURCES                     208            7           52          279          877
            POINT SOURCES                    657            7           85          194         3578

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES                1857          100         2361         3611        30423
         LIGHT DUTY TRUCKS                  1116           84         1862         2385        18113
         HEAVY DUTY VEHICLES                 186           23          677          756        11011
```

*** F05 *** *** F05 ***

*** F06 *** *** F06 ***

```
*** F08 ***                                                                                   *** F08 ***
          LIGHT DUTY VEHICLES              23055          718        17971        30451       284817
          LIGHT DUTY TRUCKS                 2559          111         2543         4058        33769
          HEAVY DUTY VEHICLES                912           64         2065         3448        46458
          OFF HIGHWAY                         38           20          375         1348        14460
          TOTAL (GASOLINE)                 26564          913        22954        39305       379504

      DIESEL

          HEAVY DUTY VEHICLES               1288          496         5074          821         2294
          OFF HIGHWAY                        152          127         1535          226          454
          TOTAL (DIESEL)                    1440          623         6609         1047         2748

   AIRCRAFT

       MILITARY                               29            3           17           51           93
       CIVIL                                   1            0            2           33         1523
       COMMERCIAL                             14           32          294          329          734
       TOTAL (AIRCRAFT)                       44           35          313          413         2350

   VESSELS

       DIESEL FUEL                            27           34          253           66           89
       RESIDUAL OIL                           12          164           27            2            1
       GASOLINE                                0            7           29         1163         3653
       TOTAL (VESSELS)                        39          205          309         1231         3743

   TOTAL (TRANSPORTATION)                  28087         1776        30185        41996       388345

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                           62            0           14           88          513
   STRUCTURAL FIRES                          271            0           33          202         1102
   GASOLINE STA EVAP LOSS                      0            0            0         3666            0
   SOLVENT EVAPORATION LOSS                    0            0            0        52211            0
   UNPAVED ROADS                            1163            0            0            0            0
   TOTAL (MISCELLANEOUS)                    1496            0           47        56167         1615

GRAND TOTAL
***********

   AREA SOURCES                            31533         5758        34544       101131       400424

   POINT SOURCES                            3314         6089         5040        13668         2985

   TOTAL                                   34847        11847        39584       114799       403409
```

```
*** F09 ***                                                                                              *** F09 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

STATE/AQCR EMISSIONS REPORT                                               RUN DATE:  TUESDAY    JANUARY 26, 1982
******************************                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:42 SOUTH CAROLINA  AQCR:058 SAVANNAH-BEAUFORT            POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES         SOX            NOX             HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                4              46             29              1              8
         NATURAL GAS                   5               0             41              5             10
         WOOD                        314               5             13             63           2259
         TOTAL (RESIDENTIAL)         323              51             83             69           2277

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             339           22187          21409            117            389
         NATURAL GAS                   0               0            160              0              4
         TOTAL (ELEC GEN)            339           22187          21569            117            393

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES             50             662            112              1              9
         DISTILLATE OIL
            AREA SOURCES               0               7              9              0              1
            POINT SOURCES              0               4              1              0              0
         NATURAL GAS
            AREA SOURCES               5               0            152             36             17
            POINT SOURCES              9               0            245              2             15
         TOTAL (INDUSTRIAL)
            AREA SOURCES               5               7            161             36             18
            POINT SOURCES             59             666            358              3             24

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               1              22              4              0              0
         DISTILLATE OIL
            AREA SOURCES               1              11              9              0              1
            POINT SOURCES              1              19             14              1              3
         NATURAL GAS
            AREA SOURCES               3               0             36              1              6
            POINT SOURCES              2               0             32              1              3
         TOTAL (COMM-INST)
            AREA SOURCES               5              33             47              1              7
            POINT SOURCES              3              19             46              2              6

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             333              91            291            106           2302
            POINT SOURCES            401           22872          21973            122            423
```

```
*** F11 ***
    TOTAL (VESSELS)                      0          8         29       1193       3747

  TOTAL (TRANSPORTATION)              3665        520       8145       8506      61582

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                     116          0         28        164        957
  FOREST MANAGED BURNING              1600         12        320       1440       8961
  STRUCTURAL FIRES                      45          0          6         34        184
  GASOLINE STA EVAP LOSS                 0          0          0        807          0
  SOLVENT EVAPORATION LOSS               0          0          0       5172          0
  UNPAVED ROADS                      13897          0          0          0          0
  UNPAVED AIRSTRIPS                      3          0          0          0          0
  TOTAL (MISCELLANEOUS)              15661         12        354       7617      10102

GRAND TOTAL
***********

  AREA SOURCES                       20387        708       9285      17288      77914

  POINT SOURCES                       1311       2862       1485        701       3925

  TOTAL                              21698       3570      10770      17989      81839
```

```
       TOTAL (AIRCRAFT)                     32          16         143         198         890

    VESSELS

       GASOLINE                              0           0           0           6          20
       TOTAL (VESSELS)                       0           0           0           6          20

    TOTAL (TRANSPORTATION)                3952         886       11248        6960       55933

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        29           0           6          42         240
    STRUCTURAL FIRES                        35           0           3          27         144
    GASOLINE STA EVAP LOSS                   0           0           0         783           0
    SOLVENT EVAPORATION LOSS                 0           0           0        3885           0
    UNPAVED ROADS                        48029           0           0           0           0
    UNPAVED AIRSTRIPS                        5           0           0           0           0
    TOTAL (MISCELLANEOUS)                48098           0           9        4737         384

GRAND TOTAL
***********

    AREA SOURCES                         52577        1341       11925       12406       58602

    POINT SOURCES                         3756        4237        1937        1604          79

    TOTAL                                56333        5578       13862       14010       58681
```

```
*** F13 ***                                                                                           *** F13 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                 POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE:44 TENNESSEE      AQCR:007 TENNESSEE RIVER VALLEY-CUMBERL

                             PARTICULATES        SOX            NOX            HC             CO
                             ************   ************   ************   ************   ************
                              TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 0             15              8              0              0
         NATURAL GAS                   12              0            104             10             27
         WOOD                         148              1              6             33           1035
         TOTAL (RESIDENTIAL)          160             16            118             43           1062

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              10             39             17              1              4
         RESIDUAL OIL
            POINT SOURCES               5            160             14              1              1
         DISTILLATE OIL
            POINT SOURCES              11             55             67              4              7
         NATURAL GAS
            AREA SOURCES                2              0            194             64             28
            POINT SOURCES              15             12            182              4             17
         WOOD
            POINT SOURCES             531             86            633           1515           1343
         OTHER
            POINT SOURCES               0              3              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                2              0            194             64             28
            POINT SOURCES             572            355            914           1525           1372

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               21             49             21              0              1
         BITUMINOUS COAL
            POINT SOURCES             216            433             56              9             32
         RESIDUAL OIL
            AREA SOURCES                0             13              3              0              0
         DISTILLATE OIL
            POINT SOURCES               0             21             18              0              1
         NATURAL GAS
            AREA SOURCES                7              0             78              4             12
            POINT SOURCES               8             11             28              0              5
         OTHER
            POINT SOURCES               4             13              2              3             15
         TOTAL (COMM-INST)
            AREA SOURCES               28             62            102              4             13
            POINT SOURCES             228            478            104             12             53
```

```
*** F14 ***                                                                                              *** F14 ***
    TOTAL (TRANSPORTATION)              36916        5521        77846        69515       537597

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      691           1          163          972         5687
    FOREST MANAGED BURNING                880           4          174          791         4929
    STRUCTURAL FIRES                      329           0           38          245         1338
    GASOLINE STA EVAP LOSS                  0           0            0         6848            0
    SOLVENT EVAPORATION LOSS                0           0            0        42764            0
    UNPAVED ROADS                      101303           0            0            0            0
    TOTAL (MISCELLANEOUS)              103203           5          375        51620        11954

GRAND TOTAL
***********

    AREA SOURCES                       144499        6400        82928       128511       571838

    POINT SOURCES                       44339      357224       122690        70120        60238

    TOTAL                              188838      363624       205618       198631       632076
```

*** F15 ***

*** F15 ***

```
*** F16 ***                                                                                                   *** F16 ***

                                               NATIONAL EMISSIONS DATA SYSTEM
                                               ******************************

                                               ENVIRONMENTAL PROTECTION AGENCY
                                               *******************************

                                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:45 TEXAS          AQCR:210 ABILENE-WICHITA FALLS

                                  PARTICULATES        SOX            NOX              HC              CO
                                  ************    ************   ************    ************    ************
                                   TONS / YR       TONS / YR      TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                 0              17              3               0               1
            NATURAL GAS                   90               2            708              69             178
            TOTAL (RESIDENTIAL)           90              19            711              69             179

        ELEC GENERATION (POINT)

            RESIDUAL OIL                 130            6661            608               4               6
            DISTILLATE OIL                 1              10              7               0               0
            NATURAL GAS                  674              49          27008              44             177
            TOTAL (ELEC GEN)             805            6720          27623              48             183

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             464            2822            991              30              62
            RESIDUAL OIL
                AREA SOURCES             229            4018            802              12              65
            DISTILLATE OIL
                AREA SOURCES              14             231            189               8              26
                POINT SOURCES              0               0              1               0               0
            NATURAL GAS
                AREA SOURCES             103               5          23047            9119            3120
                POINT SOURCES             11               0             83               3               1
            LIQUID PETROL GAS
                POINT SOURCES              0               0              3               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             810            7076          25029            9169            3273
                POINT SOURCES             11               0             87               3               1

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES               7             192             35               0               2
            DISTILLATE OIL
                AREA SOURCES               3             119             62               2               9
            NATURAL GAS
                AREA SOURCES              30               2            389              24              65
                POINT SOURCES             11               0            126               1               3
            TOTAL (COMM-INST)
                AREA SOURCES              40             313            486              26              76
                POINT SOURCES             11               0            126               1               3

        TOTAL (EXTERNAL COMB)
```

```
*** F17 ***                                                                                          *** F17 ***
    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                 2            12            28             2             6
            NATURAL GAS                    5             0           147            15            41
            TOTAL (ELEC GEN)               7            12           175            17            47

        INDUSTRIAL FUEL

            NATURAL GAS                   23             1          5061             6           945
            TOTAL (INDUSTRIAL)            23             1          5061             6           945

        TOTAL (INTERNAL COMB)             30            13          5236            23           992

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             623          4928         14584          5018          1960
                POINT SOURCES            549           695         16753            52          1089

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 0             0             0         10263          3926
    FOOD/AGRICULTURAL                   1460             0             0             0             0
    PRIMARY METAL                         84           133             0             0           552
    SECONDARY METALS                      10             0             0             0             0
    MINERAL PRODUCTS                      29             0             0             0             0
    PETROLEUM INDUSTRY                    19             0           183           703             4
    ORGANIC SOLVENT EVAPORATION            0             0             0           989             0
    PETROLEUM STORAGE/TRANSPORT            0             0             0          1628             0
    OTHER/NOT CLASSIFIED                   0             0             0          1865             0
    TOTAL (INDUSTRIAL)                  1602           133           183         15448          4482

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             133             2             4           376          1127
        OPEN BURNING                     413            16           106           559          1770
        TOTAL (RESIDENTIAL)              546            18           110           935          2897

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              31             9            16            19            44
        OPEN BURNING
                AREA SOURCES               1             0             0             2             4
        TOTAL (COMM-INST)
                AREA SOURCES              32             9            16            21            48

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              25             5             5            23            34
        OPEN BURNING
                AREA SOURCES               7             0             3            13            45
        TOTAL (INDUSTRIAL)
                AREA SOURCES              32             5             8            36            79

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             610            32           134           992          3024

TRANSPORTATION (AREA)
*********************
```

```
                                                                                                   *** F18 ***
*** F18 ***
    GASOLINE STA EVAP LOSS              0            0            0        15973            0
    SOLVENT EVAPORATION LOSS            0            0            0        99825            0
    UNPAVED ROADS                  672025            0            0            0            0
    TOTAL (MISCELLANEOUS)          684004          101         2734       132161        95343

GRAND TOTAL
***********

    AREA SOURCES                   794982        84614       390814       361550      1282935

    POINT SOURCES                   79422       255618       273006       543868       905199

    TOTAL                          874404       340232       663820       905418      2188134
```

```
*** G01 ***                                                                                *** G01 ***
          TOTAL (COMM-INST)
                    POINT SOURCES          16            0            0            0            0

     INDUSTRIAL

          ON SITE INCINERATION
                    POINT SOURCES           0           20           24           24           80
          TOTAL (INDUSTRIAL)
                    POINT SOURCES           0           20           24           24           80

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES         4473          148          991         6971        21797
                    POINT SOURCES          16           20           24           24           80

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES      65771         2580        61078        92397       802518
               LIGHT DUTY TRUCKS        12507          675        14150        20660       158313
               HEAVY DUTY VEHICLES       5796          479        14952        19826       275224
               OFF HIGHWAY                307          162         3041        10958       117543
               TOTAL (GASOLINE)         84381         3896        93221       143841      1353598

          DIESEL

               HEAVY DUTY VEHICLES      12095         5279        47524         6633        19671
               OFF HIGHWAY               2359         1975        23843         3508         7059
               RAIL                       277          614         4012         1014         1406
               TOTAL (DIESEL)           14731         7868        75379        11155        28136

     AIRCRAFT

          MILITARY                       1168          110          701         2076         3739
          CIVIL                             4            1            9          238        10946
          COMMERCIAL                       36           79          740          827         1847
          TOTAL (AIRCRAFT)               1208          190         1450         3141        16532

     VESSELS

          GASOLINE                          0           41          167         6795        21367
          TOTAL (VESSELS)                   0           41          167         6795        21367

     TOTAL (TRANSPORTATION)            100320        11995       170217       164932      1419633

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                   15935          144         3752        22493       131220
     FOREST MANAGED BURNING              1399           10          279         1259         7840
     STRUCTURAL FIRES                     621            0           68          459         2513
     GASOLINE STA EVAP LOSS                 0            0            0        17071            0
     SOLVENT EVAPORATION LOSS               0            0            0        78541            0
     UNPAVED ROADS                     988438            0            0            0            0
     UNPAVED AIRSTRIPS                     40            0            0            0            0
     TOTAL (MISCELLANEOUS)            1006433          154         4099       119823       141573

GRAND TOTAL
***********

     AREA SOURCES                     1116311        21542       359460       359902      1625062

     POINT SOURCES                      89044        84127       154314        81664       335280
```

```
*** G02 ***                                                                                              *** G02 ***
        ELECTRIC GENERATION

            DISTILLATE OIL                     0              2              1              0              1
            NATURAL GAS                        0              0             10              1              6
            TOTAL (ELEC GEN)                   0              2             11              1              7

        INDUSTRIAL FUEL

            NATURAL GAS                        0              0            493             85            339
            TOTAL (INDUSTRIAL)                 0              0            493             85            339

        TOTAL (INTERNAL COMB)                  0              2            504             86            346

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 148            465           7436           2682           1116
                POINT SOURCES                524          17446          19036            389           1636

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    58              0              0           4123              0
    MINERAL PRODUCTS                        7343            570            625              0              0
    PETROLEUM INDUSTRY                       961           7897           1720           8022          68930
    PETROLEUM STORAGE/TRANSPORT                0              0              0           8159              0
    TOTAL (INDUSTRIAL)                      8362           8467           2345          20304          68930

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                  53              0              1            149            445
        OPEN BURNING                         211              9             54            284            902
        TOTAL (RESIDENTIAL)                  264              9             55            433           1347

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                 264              9             55            433           1347

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES             4122            153           3637           5645          49627
            LIGHT DUTY TRUCKS                783             40            842           1264           9798
            HEAVY DUTY VEHICLES              399             32            997           1360          18829
            OFF HIGHWAY                       24             13            244            885           9488
            TOTAL (GASOLINE)                5328            238           5720           9154          87742

        DIESEL

            HEAVY DUTY VEHICLES              842            360           3247            462           1374
            OFF HIGHWAY                      187            156           1893            278            560
            RAIL                              19             39            257             65             89
            TOTAL (DIESEL)                  1048            555           5397            805           2023

    AIRCRAFT

        MILITARY                             148             14             89            263            473
        CIVIL                                  0              0              2             24           1085
        COMMERCIAL                             1              3             27             30             67
        TOTAL (AIRCRAFT)                     149             17            118            317           1625
```

```
*** G03 ***                                                                                    *** G03 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                         RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                    AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                   POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:37 OKLAHOMA        AQCR:189 SOUTHWESTERN OKLAHOMA

                              PARTICULATES        SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              2              11              0              2              9
         NATURAL GAS                 43               1            352             37             88
         WOOD                        16               0              0              4            108
         TOTAL (RESIDENTIAL)         61              12            352             43            205

      ELEC GENERATION (POINT)

         NATURAL GAS                250              15          15213             25            415
         TOTAL (ELEC GEN)           250              15          15213             25            415

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            POINT SOURCES            19              29            240              0             13
         BITUMINOUS COAL
            AREA SOURCES             42             417             74              1              3
         DISTILLATE OIL
            AREA SOURCES              2              27             34              2              4
         NATURAL GAS
            AREA SOURCES             60               2           9060           3453           1211
            POINT SOURCES            15               1            406              2             27
         TOTAL (INDUSTRIAL)
            AREA SOURCES            104             446           9168           3456           1218
            POINT SOURCES            34              30            646              2             40

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              2              43             10              0              0
         DISTILLATE OIL
            AREA SOURCES              0               3              2              0              0
         NATURAL GAS
            AREA SOURCES             12               0            153              9             24
            POINT SOURCES             7               0             62              6             16
         TOTAL (COMM-INST)
            AREA SOURCES             14              46            165              9             24
            POINT SOURCES             7               0             62              6             16

      TOTAL (EXTERNAL COMB)
            AREA SOURCES            179             504           9685           3508           1447
            POINT SOURCES           291              45          15921             33            471
```

```
*** G04 ***
          OFF HIGHWAY                      27          15         268         965       10343
          TOTAL (GASOLINE)               3186         222        5168        7717       69890

      DIESEL

          HEAVY DUTY VEHICLES             852         440        4182         543        1479
          OFF HIGHWAY                     185         155        1871         275         554
          RAIL                             95         216        1399         354         491
          TOTAL (DIESEL)                 1132         811        7452        1172        2524

    AIRCRAFT

      MILITARY                              2           0           1           3           5
      CIVIL                                 0           0           0          30        1384
      COMMERCIAL                            1           3          28          32          71
      TOTAL (AIRCRAFT)                      3           3          29          65        1460

    VESSELS

      DIESEL FUEL                           7           8          59          15          21
      GASOLINE                              0           8          31        1316        4138
      TOTAL (VESSELS)                       7          16          90        1331        4159

    TOTAL (TRANSPORTATION)               4328        1052       12739       10285       78033

MISCELLANEOUS (AREA)
*********************

    FOREST WILDFIRES                     1412          12         333        1993       11622
    FOREST MANAGED BURNING               1874          13         374        1682       10478
    AGRICULTURAL BURNING                    5           0           1           7          35
    STRUCTURAL FIRES                       39           0           5          27         152
    GASOLINE STA EVAP LOSS                  0           0           0         987           0
    SOLVENT EVAPORATION LOSS                0           0           0        2377           0
    UNPAVED ROADS                      420119           0           0           0           0
    UNPAVED AIRSTRIPS                      43           0           0           0           0
    TOTAL (MISCELLANEOUS)              423492          25         713        7073       22287

GRAND TOTAL
***********

    AREA SOURCES                       428689        1985       14355       17942      105118

    POINT SOURCES                        9294        3243        5781        2975        4328

    TOTAL                              437983        5228       20136       20917      109446
```

```
*** G05 ***                                                                                        *** G05 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
**************************                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 39:PENNSYLVANIA

                                PARTICULATES       SOX            NOX            HC             CO
                                ************   ************   ************   ************   ************
                                 TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               3695           9832           1110            925          33262
         DISTILLATE OIL                2962          34172          21355           1184           5936
         NATURAL GAS                   1491             86          11897           1189           2975
         WOOD                          4665             91            189            934          33579
         TOTAL (RESIDENTIAL)          12813          44181          34551           4232          75752

      ELEC GENERATION (POINT)

         ANTHRACITE COAL              57927          17710          12832              6            713
         BITUMINOUS COAL             144472        1480768         360557           5695          18960
         RESIDUAL OIL                  4776          45975          42602            442           2228
         DISTILLATE OIL                  66           1544           1240             52            228
         NATURAL GAS                      0              0              3              0              0
         OTHER                          424          18033           1480              6             89
         TOTAL (ELEC GEN)            207665        1564030         418714           6201          22218

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES               752           1598            699              3            272
         BITUMINOUS COAL
            AREA SOURCES               2612          20947           5248            155            339
            POINT SOURCES            107665         201445          47548           1311           3022
         LIGNITE
            POINT SOURCES                 1              4              2              0              1
         RESIDUAL OIL
            POINT SOURCES             71776          54520          17511            473          29087
         DISTILLATE OIL
            AREA SOURCES                561           5437           6616            355            948
            POINT SOURCES               180           3581           1042             57            248
         NATURAL GAS
            AREA SOURCES                812             43          50352          15567           6356
            POINT SOURCES               938             59          15386            670           1838
         PROCESS GAS
            POINT SOURCES               681          35806           1695            216             42
         WOOD
            POINT SOURCES              1804            101            660            366            354
         LIQUID PETROL GAS
            POINT SOURCES                 0              0              1              0              0
         OTHER
            POINT SOURCES                 0              3              1              0              0
         TOTAL (INDUSTRIAL)
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

                                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:39 PENNSYLVANIA    AQCR:178 NORTHWEST PENNSYLVANIA-YOUNGST

                              PARTICULATES          SOX            NOX            HC             CO
                              ************     ************   ************   ************   ************
                               TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               247              662             75             63           2238
         DISTILLATE OIL                 95             1095            684             38            190
         NATURAL GAS                   146               10           1144            113            286
         WOOD                          891               18             36            178           6417
         TOTAL (RESIDENTIAL)          1379             1785           1939            392           9131

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               518            87634          20557            343           1142
         RESIDUAL OIL                    9               51            114              1              5
         OTHER                           7                2              7              4              7
         TOTAL (ELEC GEN)              534            87687          20678            348           1154

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               240             1927            483             14             31
            POINT SOURCES            34336            87106          19521            499           1083
         RESIDUAL OIL
            POINT SOURCES              143             1834            559             13             47
         DISTILLATE OIL
            AREA SOURCES                62              606            740             39            106
            POINT SOURCES               15               43             50              2              5
         NATURAL GAS
            AREA SOURCES               115                7           7039           2177            889
            POINT SOURCES              755               44           9626            592           1506
         PROCESS GAS
            POINT SOURCES               56             2295            258              0             24
         WOOD
            POINT SOURCES              173               21            132             31             37
         LIQUID PETROL GAS
            POINT SOURCES                0                0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               417             2540           8262           2230           1026
            POINT SOURCES            35478            91343          30147           1137           2702

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               232              550            239              0             21
            POINT SOURCES               24               12              4              0              2
         BITUMINOUS COAL
```

```
*** G07 ***                                                                                         *** G07 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                  RUN DATE:  TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                          AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                         POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:39 PENNSYLVANIA    AQCR:197 SOUTHWEST PENNSYLVANIA

                               PARTICULATES        SOX           NOX            HC            CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               585           1560            176            147           5280
         DISTILLATE OIL                154           1783           1117             62            310
         NATURAL GAS                   510             31           4081            409           1021
         WOOD                          148              2              7             29           1071
         TOTAL (RESIDENTIAL)          1397           3376           5381            647           7682

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            122148         910660         220488           3494          11623
         RESIDUAL OIL                 1822           1600            996              9             44
         DISTILLATE OIL                 49            995            826             36            152
         NATURAL GAS                     0              0              3              0              0
         TOTAL (ELEC GEN)           124019         913255         222313           3539          11819

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               687           5510           1381             42             89
            POINT SOURCES            66649          85869          22881            557           1385
         RESIDUAL OIL
            POINT SOURCES              238           2909           1364             19            100
         DISTILLATE OIL
            AREA SOURCES               118           1131           1376             73            197
            POINT SOURCES               13            179            115              5             26
         NATURAL GAS
            AREA SOURCES               208             10          12911           3991           1629
            POINT SOURCES               58              3           3132             14            108
         PROCESS GAS
            POINT SOURCES              183          18033            852            188              2
         WOOD
            POINT SOURCES               11              5             30             90             90
         TOTAL (INDUSTRIAL)
            AREA SOURCES              1013           6651          15668           4106           1915
            POINT SOURCES            67152         106998          28374            873           1711

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               712           1707            738              0             63
         BITUMINOUS COAL
            POINT SOURCES             1020           1842            314             38            111
         RESIDUAL OIL
```

*** G08 *** *** G08 ***

```
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          333           91          291          106         2302
                POINT SOURCES         401        22872        21973          122          423

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                  43            0            0           66            0
    MINERAL PRODUCTS                   31            0            0            0            0
    WOOD PRODUCTS                      25            0            0            0            0
    ORGANIC SOLVENT EVAPORATION         0            0            0         3793            0
    PETROLEUM STORAGE/TRANSPORT         0            0            0            5            0
    TOTAL (INDUSTRIAL)                 99            0            0         3864            0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          1            0            0            0            1
        TOTAL (GOVERNMENT)              1            0            0            0            1

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           74            1            2          208          624
        OPEN BURNING                  286           11           73          387         1228
        TOTAL (RESIDENTIAL)           360           12           75          595         1852

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
                AREA SOURCES            5            0            1            9           21
        TOTAL (COMM-INST)
                AREA SOURCES            5            0            1            9           21

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES         116            2           17          181         2127
        OPEN BURNING
                AREA SOURCES            2            0            1            3           10
        TOTAL (INDUSTRIAL)
                AREA SOURCES            2            0            1            3           10
                POINT SOURCES         116            2           17          181         2127

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          367           12           77          607         1883
                POINT SOURCES         117            2           17          181         2128

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      1611           93         2170         2568        20106
            LIGHT DUTY TRUCKS         356           30          659          716         4870
            HEAVY DUTY VEHICLES        73            8          307          292         4007
            OFF HIGHWAY                 9            5           91          330         3534
            TOTAL (GASOLINE)         2049          136         3227         3906        32517

        DIESEL

            HEAVY DUTY VEHICLES       243          139         1275          131          385
```

```
*** 610 ***                                                                                          *** 610 ***

                                       NATIONAL EMISSIONS DATA SYSTEM
                                      ********************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                      *********************************

                                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
******************************                             POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:42 SOUTH CAROLINA  AQCR:200 COLUMBIA

                           PARTICULATES        SOX            NOX            HC             CO
                           ************    ************   ************   ************   ************
                            TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               16           187            117              7             33
         NATURAL GAS                  24             1            198             18             50
         WOOD                        412             7             18             83           2961
         TOTAL (RESIDENTIAL)         452           195            333            108           3044

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            1230         60087          33423            334           1114
         DISTILLATE OIL                0            14             50              2              8
         NATURAL GAS                   2             0            395              0              9
         TOTAL (ELEC GEN)           1232         60101          33868            336           1131

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             14            35             15              4             15
         RESIDUAL OIL
            POINT SOURCES             26           341             55              1              5
         DISTILLATE OIL
            AREA SOURCES               4            30             36              1              5
            POINT SOURCES              0            23              2              0              0
         NATURAL GAS
            AREA SOURCES              23             2            914            220            109
            POINT SOURCES             14             1            525              4             24
         WOOD
            POINT SOURCES            210           140            934            187            187
         TOTAL (INDUSTRIAL)
            AREA SOURCES              27            32            950            221            114
            POINT SOURCES            264           540           1531            196            231

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               7           150             27              0              2
         DISTILLATE OIL
            AREA SOURCES               5            75             58              2             12
         NATURAL GAS
            AREA SOURCES              19             1            224             15             37
         TOTAL (COMM-INST)
            AREA SOURCES              31           226            309             17             51

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             510           453           1592            346           3209
```

*** G12 ***

*** G12 ***

```
*** 613 ***                                                                                         *** 613 ***
      TOTAL (EXTERNAL COMB)
                AREA SOURCES                 190          78          414          111         1103
                POINT SOURCES                800         833         1018         1537         1425

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                        0           0            1            0            0
         TOTAL (ELEC GEN)                      0           0            1            0            0

      INDUSTRIAL FUEL

         NATURAL GAS                           0           2           44            2           41
         TOTAL (INDUSTRIAL)                    0           2           44            2           41

      TOTAL (INTERNAL COMB)                    0           2           45            2           41

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 190          78          414          111         1103
                POINT SOURCES                800         835         1063         1539         1466

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  6613           0           37         2400         5269
    FOOD/AGRICULTURAL                         21           0            1            0            0
    PRIMARY METAL                             26           0            0            0            0
    SECONDARY METALS                          82           0            0            0          555
    MINERAL PRODUCTS                        1942        2025         1365           15           10
    WOOD PRODUCTS                            563           0           28          844         1467
    ORGANIC SOLVENT EVAPORATION               28           0            1         2286            0
    PETROLEUM STORAGE/TRANSPORT                0           0            0           52            0
    OTHER/NOT CLASSIFIED                       6           0            1            0            0
    TOTAL (INDUSTRIAL)                      9281        2025         1433         5597         7301

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                  184           0            4          521         1560
       OPEN BURNING                          846          33          217         1138         3617
       TOTAL (RESIDENTIAL)                  1030          33          221         1659         5177

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             POINT SOURCES                    31          58           54           34          525
       OPEN BURNING
             AREA SOURCES                      5           0            2           10           26
       TOTAL (COMM-INST)
             AREA SOURCES                      5           0            2           10           26
             POINT SOURCES                    31          58           54           34          525

    INDUSTRIAL

       ON SITE INCINERATION
             POINT SOURCES                    50          12           13           99          559
       OPEN BURNING
             AREA SOURCES                      3           0            0            3           15
       TOTAL (INDUSTRIAL)
             AREA SOURCES                      3           0            0            3           15
             POINT SOURCES                    50          12           13           99          559
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                            AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                           POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:45 TEXAS        AQCR:022 SHREVEPORT-TEXARKANA-TYLER

                                 PARTICULATES          SOX            NOX             HC              CO
                                 ************    ************    ************    ************    ************
                                  TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                   0              14               3               0               0
         NATURAL GAS                    114               3             905              89             226
         TOTAL (RESIDENTIAL)            114              17             908              89             226

      ELEC GENERATION (POINT)

         LIGNITE                      18179          228008          147037            3151           10503
         RESIDUAL OIL                    55             537             359               5              74
         DISTILLATE OIL                  14             701             526              20              84
         NATURAL GAS                    801              33           20758              55             440
         PROCESS GAS                      0             933             744               0             218
         TOTAL (ELEC GEN)             19049          230212          169424            3231           11319

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                566            3464            1217              35              78
         RESIDUAL OIL
            AREA SOURCES                515            8752            1776              27             146
            POINT SOURCES               101            2721             292              24              20
         DISTILLATE OIL
            AREA SOURCES                 25             351             285              13              40
            POINT SOURCES                32             630             185               0               9
         NATURAL GAS
            AREA SOURCES                234              12           51047           20205            6919
            POINT SOURCES               959            1443           16086              98            4830
         PROCESS GAS
            POINT SOURCES                11             408               1               0               3
         WOOD
            POINT SOURCES               329              15              33              55              62
         LIQUID PETROL GAS
            POINT SOURCES                 1               0               9               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               1340           12579           54325           20280            7183
            POINT SOURCES              1433            5217           16606             177            4924

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 14             249              52               0               2
            POINT SOURCES                 0               0              67               1               3
         DISTILLATE OIL
            AREA SOURCES                  4             161              82               2              18
```

AREA SOURCES	940	7408	26226	9264	3528
POINT SOURCES	827	6720	27836	52	187
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	5	9	215	1	10
NATURAL GAS	2	0	1170	29	30
TOTAL (ELEC GEN)	7	9	1385	30	40
INDUSTRIAL FUEL					
NATURAL GAS	67	12	14892	794	2642
GASOLINE	351	0	1	1	24
TOTAL (INDUSTRIAL)	418	12	14893	795	2666
TOTAL (INTERNAL COMB)	425	21	16278	825	2706
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	940	7408	26226	9264	3528
POINT SOURCES	1252	6741	44114	877	2893
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	37	361	0	104	0
FOOD/AGRICULTURAL	2860	0	0	0	0
PRIMARY METAL	227	0	0	0	0
SECONDARY METALS	10	0	0	0	0
MINERAL PRODUCTS	13888	11156	4331	2436	7
PETROLEUM INDUSTRY	41	154	488	1396	6
ORGANIC SOLVENT EVAPORATION	1	0	0	1860	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	5641	0
METAL FABRICATION	1	0	0	0	0
OTHER/NOT CLASSIFIED	0	0	0	2088	0
TOTAL (INDUSTRIAL)	17065	11671	4819	13525	13
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	154	1	2	427	1277
OPEN BURNING	485	15	121	661	2087
TOTAL (RESIDENTIAL)	639	16	123	1088	3364
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	23	5	14	16	41
TOTAL (COMM-INST)					
AREA SOURCES	23	5	14	16	41
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	35	3	3	33	47
OPEN BURNING					
AREA SOURCES	6	0	2	11	40
TOTAL (INDUSTRIAL)					
AREA SOURCES	41	3	5	44	87
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	703	24	142	1148	3492

```
*** G17 ***                                                                                    *** G17 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            8465        324       7715      11796     101606
         LIGHT DUTY TRUCKS              2522        138       3019       4101      31120
         HEAVY DUTY VEHICLES             625         54       1681       2217      30402
         OFF HIGHWAY                      46         23        444       1597      17120
         TOTAL  (GASOLINE)             11658        539      12859      19711     180248

      DIESEL

         HEAVY DUTY VEHICLES             892        391       3585        491       1465
         OFF HIGHWAY                     146        122       1487        219        440
         RAIL                            168        379       2468        627        866
         TOTAL  (DIESEL)                1206        892       7540       1337       2771

   AIRCRAFT

      MILITARY                            28          3         16         50         90
      CIVIL                                0          0          2         25       1147
      COMMERCIAL                           6         13        117        130        291
      TOTAL  (AIRCRAFT)                   34         16        135        205       1528

   VESSELS

      DIESEL FUEL                         31         40        295         78        104
      RESIDUAL OIL                        87       1144        188         13          6
      GASOLINE                             0         34        130       5286      16601
      TOTAL  (VESSELS)                   118       1218        613       5377      16711

   TOTAL  (TRANSPORTATION)             13016       2665      21147      26630     201258

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                      124          0         15         94        509
   GASOLINE STA EVAP LOSS                  0          0          0       2335          0
   SOLVENT EVAPORATION LOSS                0          0          0      10693          0
   UNPAVED ROADS                      220382          0          0          0          0
   UNPAVED AIRSTRIPS                       7          0          0          0          0
   TOTAL (MISCELLANEOUS)              220513          0         15      13122        509

GRAND TOTAL
***********

   AREA SOURCES                       234762       7625      35880      45762     206751

   POINT SOURCES                        2151        828      16936      15500       5571

   TOTAL                              236913       8453      52816      61262     212322
```

*** G18 ***

*** G18 ***

```
*** H01 ***                                                                                    *** H01 ***
   TOTAL                          1205355      105669      513774      441566      1960342
```

```
*** H02 ***
    VESSELS

        GASOLINE                              0            0            2            82           259
        TOTAL  (VESSELS)                      0            0            2            82           259

    TOTAL  (TRANSPORTATION)                6525          810        11237         10358         91649

MISCELLANEOUS  (AREA)
*********************

    FOREST  WILDFIRES                       882            8          207          1245          7261
    STRUCTURAL  FIRES                        50            0            6            36           200
    GASOLINE  STA  EVAP  LOSS                 0            0            0          1179             0
    SOLVENT  EVAPORATION  LOSS                0            0            0          5572             0
    UNPAVED  ROADS                       115327            0            0             0             0
    TOTAL  (MISCELLANEOUS)               116259            8          213          8032          7461

GRAND  TOTAL
***********

    AREA  SOURCES                        123196         1292        18941         21505        101573

    POINT  SOURCES                         8886        25913        21381         20693         70566

    TOTAL                                132082        27205        40322         42198        172139
```

```
*** H03 ***                                                                                    *** H03 ***
   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS                      0          1        1557          3       13150
         TOTAL (INDUSTRIAL)               0          1        1557          3       13150

      TOTAL (INTERNAL COMB)               0          1        1557          3       13150

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                179        504        9685       3508        1447
            POINT SOURCES               291         46       17478         36       13621

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                    109          0           0          0           0
   MINERAL PRODUCTS                   11236          0           0          0           0
   PETROLEUM INDUSTRY                  1393      12094        1551       5481       23501
   ORGANIC SOLVENT EVAPORATION            0          0           0        426           0
   PETROLEUM STORAGE/TRANSPORT            0          0           0      12478           0
   OTHER/NOT CLASSIFIED                  76        288           0        296           0
   TOTAL (INDUSTRIAL)                 12814      12382        1551      18681       23501

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               87          1           1        246         735
      OPEN BURNING                      647         24         165        873        2769
      TOTAL (RESIDENTIAL)               734         25         166       1119        3504

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                734         25         166       1119        3504

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           6320        265        6293       9201       78576
         LIGHT DUTY TRUCKS             1202         70        1459       2053       15481
         HEAVY DUTY VEHICLES            619         52        1679       2133       29697
         OFF HIGHWAY                     45         22         440       1582       16977
         TOTAL (GASOLINE)              8186        409        9871      14969      140731

      DIESEL

         HEAVY DUTY VEHICLES           1289        576        5168        705        2088
         OFF HIGHWAY                    321        270        3253        478         963
         RAIL                            28         62         403        101         141
         TOTAL (DIESEL)                1638        908        8824       1284        3192

   AIRCRAFT

      MILITARY                          251         24         151        446         803
      CIVIL                               0          0           0         26        1187
      COMMERCIAL                          3          6          60         67         149
      TOTAL (AIRCRAFT)                  254         30         211        539        2139

   VESSELS
```

*** H04 ***

*** H04 ***

AREA SOURCES	3985	26427	62216	16077	7643
POINT SOURCES	183797	297117	84545	3096	34864
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	3071	7352	3178	0	275
POINT SOURCES	3802	2604	1096	30	1193
BITUMINOUS COAL					
POINT SOURCES	4008	4844	1237	98	232
RESIDUAL OIL					
AREA SOURCES	424	3146	1487	21	121
POINT SOURCES	1068	13934	7277	125	611
DISTILLATE OIL					
AREA SOURCES	342	4971	3798	168	863
POINT SOURCES	90	6580	913	42	208
NATURAL GAS					
AREA SOURCES	440	23	5266	349	884
POINT SOURCES	130	8	3837	28	206
WOOD					
POINT SOURCES	138	453	557	104	1997
OTHER					
POINT SOURCES	1	4	2	0	0
TOTAL (COMM-INST)					
AREA SOURCES	4277	15492	13729	538	2143
POINT SOURCES	9237	28427	14919	427	4447
TOTAL (EXTERNAL COMB)					
AREA SOURCES	21075	86100	110496	20847	85538
POINT SOURCES	400699	1889574	518178	9724	61529
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	176	643	2214	195	515
NATURAL GAS	11	1	268	29	75
TOTAL (ELEC GEN)	187	644	2482	224	590
INDUSTRIAL FUEL					
DISTILLATE OIL	100	140	347	208	566
NATURAL GAS	2	0	57	0	7
TOTAL (INDUSTRIAL)	102	140	404	208	573
TOTAL (INTERNAL COMB)	289	784	2886	432	1163
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	21075	86100	110496	20847	85538
POINT SOURCES	400988	1890358	521064	10156	62692
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	6693	13716	1327	11398	15037
FOOD/AGRICULTURAL	2392	354	115	14	15
PRIMARY METAL	109126	353160	11702	52973	490958
SECONDARY METALS	16797	3905	795	3581	18257
MINERAL PRODUCTS	180827	45934	16827	4306	7783
PETROLEUM INDUSTRY	1775	37104	12892	23025	25512
WOOD PRODUCTS	5042	575	254	1487	3609
ORGANIC SOLVENT EVAPORATION	536	76	452	67046	57
PETROLEUM STORAGE/TRANSPORT	20	145	4	15673	0
METAL FABRICATION	445	45	162	859	8

POINT SOURCES	350	562	192	13	26
RESIDUAL OIL					
AREA SOURCES	29	218	103	1	7
POINT SOURCES	19	62	53	1	5
DISTILLATE OIL					
AREA SOURCES	24	342	262	10	59
NATURAL GAS					
AREA SOURCES	36	1	435	28	75
POINT SOURCES	9	1	20	0	5
WOOD					
POINT SOURCES	22	17	115	23	23
TOTAL (COMM-INST)					
AREA SOURCES	321	1111	1039	39	162
POINT SOURCES	424	654	384	37	61
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2117	5436	11240	2661	10319
POINT SOURCES	36436	179684	51209	1522	3917
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
DISTILLATE OIL	99	138	331	207	562
TOTAL (INDUSTRIAL)	99	138	331	207	562
TOTAL (INTERNAL COMB)	99	138	331	207	562
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2117	5436	11240	2661	10319
POINT SOURCES	36535	179822	51540	1729	4479
INDUSTRIAL PROCESS (POINT)					
***************************					
CHEMICAL MANUFACTURING	2001	0	0	459	423
FOOD/AGRICULTURAL	102	0	0	0	0
PRIMARY METAL	1372	64	276	29	5259
SECONDARY METALS	6098	152	172	192	3445
MINERAL PRODUCTS	19319	8284	2916	151	22
PETROLEUM INDUSTRY	229	2676	1700	3017	24740
WOOD PRODUCTS	321	272	139	0	3303
ORGANIC SOLVENT EVAPORATION	16	0	0	1004	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	2581	0
METAL FABRICATION	6	0	0	4	0
OTHER/NOT CLASSIFIED	251	0	0	0	0
TOTAL (INDUSTRIAL)	29715	11448	5203	7437	37192
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	33	37	184	37	0
TOTAL (GOVERNMENT)	33	37	184	37	0
RESIDENTIAL (AREA)					
ON SITE INCINERATION	45	0	1	129	385
OPEN BURNING	2266	84	579	3059	9701
TOTAL (RESIDENTIAL)	2311	84	580	3188	10086
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					

```
*** H07 ***                                                                                                  *** H07 ***
              AREA SOURCES          101          746          352            5           30
              POINT SOURCES           7            9           17            0            1
          DISTILLATE OIL
              AREA SOURCES           81         1179          900           40          205
              POINT SOURCES           0            1            1            0            0
          NATURAL GAS
              AREA SOURCES          114            6         1382           91          231
              POINT SOURCES           2            0           21            1            3
          TOTAL (COMM-INST)
              AREA SOURCES         1008         3638         3372          136          529
              POINT SOURCES        1029         1852          353           39          115

      TOTAL (EXTERNAL COMB)
              AREA SOURCES         3418        13665        24421         4889        10126
              POINT SOURCES      192200      1022105       251040         4451        13645

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES         3418        13665        24421         4889        10126
              POINT SOURCES      192200      1022105       251040         4451        13645

INDUSTRIAL PROCESS (POINT)
****************************

   CHEMICAL MANUFACTURING           650         2692          691          137        14612
   FOOD/AGRICULTURAL                 20            0            0            0            0
   PRIMARY METAL                  60237       163331         4481        37855       264491
   SECONDARY METALS                5997          152          216           27         5828
   MINERAL PRODUCTS               22822         9017         1389          279          200
   PETROLEUM INDUSTRY                67        12403          389            1           28
   WOOD PRODUCTS                      6            0            0            0            0
   ORGANIC SOLVENT EVAPORATION        9            0            0         4164            0
   PETROLEUM STORAGE/TRANSPORT        0            0            0         2088            0
   METAL FABRICATION                 32            0            0            0            0
   OTHER/NOT CLASSIFIED              32            0            0            0            0
   TOTAL (INDUSTRIAL)             89872       187595         7166        44551       285159

SOLID WASTE DISPOSAL
*********************

   GOVERNMENT (POINT)

       MUNICIPAL INCINERATION       131           12           10            8          171
       OPEN BURNING                   2            0            1            3            8
       OTHER INCINERATION             1            1            2            1            0
       TOTAL (GOVERNMENT)           134           13           13           12          179

   RESIDENTIAL (AREA)

       ON SITE INCINERATION         187            2            6          526         1575
       OPEN BURNING                3472          128          888         4686        14858
       TOTAL (RESIDENTIAL)         3659          130          894         5212        16433

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES           77           24           36           43          105
       TOTAL (COMM-INST)
              AREA SOURCES           77           24           36           43          105

   INDUSTRIAL

       ON SITE INCINERATION
              AREA SOURCES           94           19           19           86          126
              POINT SOURCES         156           23           21          144          130
       TOTAL (INDUSTRIAL)
```

```
*** H08 ***                                                                                                          *** H08 ***

                                               NATIONAL EMISSIONS DATA SYSTEM
                                               ******************************

                                               ENVIRONMENTAL PROTECTION AGENCY
                                               *******************************

                                                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                             AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                            POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE:41 RHODE ISLAND    AQCR:120 METROPOLITAN PROVIDENCE

                                  PARTICULATES         SOX              NOX              HC               CO
                                  ************     ************     ************     ************     ************
                                   TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                  4                9                1                1               32
         DISTILLATE OIL                 240             2764             1727               97              480
         NATURAL GAS                     70                4              557               56              139
         WOOD                           184                4                8               37             1323
         TOTAL (RESIDENTIAL)            498             2781             2293              191             1974

      ELEC GENERATION (POINT)

         RESIDUAL OIL                  1979             1256             2250               21              100
         NATURAL GAS                      8                1              357                1               10
         TOTAL (ELEC GEN)              1987             1257             2607               22              110

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  7               37               20                0                1
         RESIDUAL OIL
            AREA SOURCES                 27              143               90                1                8
            POINT SOURCES               217             2691             1065               21               82
         DISTILLATE OIL
            AREA SOURCES                 19              186              225               12               32
            POINT SOURCES                 1               38                7                0                1
         NATURAL GAS
            AREA SOURCES                 29                1              567               27               55
            POINT SOURCES                 1                0               29                0                3
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 82              367              902               40               96
            POINT SOURCES               219             2729             1101               21               86

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                  4               10                4                0                0
         RESIDUAL OIL
            POINT SOURCES               140             1710              751               24               52
         DISTILLATE OIL
            AREA SOURCES                 55              785              601               28              138
            POINT SOURCES                 0                5                3                0                1
         NATURAL GAS
            AREA SOURCES                 28                1              326               21               55
            POINT SOURCES                 3                0               99                0                5
         TOTAL (COMM-INST)
```

OFF HIGHWAY	64	54	650	96	192
RAIL	15	34	213	54	74
TOTAL (DIESEL)	322	227	2138	281	651
AIRCRAFT					
MILITARY	219	21	131	389	700
CIVIL	0	0	0	5	221
TOTAL (AIRCRAFT)	219	21	131	394	921
VESSELS					
DIESEL FUEL	5	7	46	12	16
GASOLINE	0	16	60	2403	7549
TOTAL (VESSELS)	5	23	106	2415	7565
TOTAL (TRANSPORTATION)	2595	407	5602	6996	41654
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	464	5	109	655	3825
FOREST MANAGED BURNING	2793	22	559	2514	15641
STRUCTURAL FIRES	31	0	4	23	125
GASOLINE STA EVAP LOSS	0	0	0	596	0
SOLVENT EVAPORATION LOSS	0	0	0	4946	0
UNPAVED ROADS	8136	0	0	0	0
TOTAL (MISCELLANEOUS)	11424	27	672	8734	19591
GRAND TOTAL ***********					
AREA SOURCES	14719	537	6642	16443	65430
POINT SOURCES	617	22874	21990	4167	2551
TOTAL	15336	23411	28632	20610	67981

POINT SOURCES	1496	60641	35399	532	1362
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	510	453	1592	346	3209
POINT SOURCES	1496	60641	35399	532	1362
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	104	0	0	520	0
SECONDARY METALS	17	0	9	0	39
MINERAL PRODUCTS	1920	9	123	13	30
WOOD PRODUCTS	244	0	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	0	124241	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	259	0
TOTAL (INDUSTRIAL)	2285	9	132	125033	69
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	258	4	8	724	2173
OPEN BURNING	1283	48	327	1729	5487
TOTAL (RESIDENTIAL)	1541	52	335	2453	7660
COMMERCIAL-INSTITUTIONAL					
OPEN BURNING					
AREA SOURCES	15	1	5	28	77
TOTAL (COMM-INST)					
AREA SOURCES	15	1	5	28	77
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	365	6	52	573	6762
OPEN BURNING					
AREA SOURCES	16	1	5	28	100
TOTAL (INDUSTRIAL)					
AREA SOURCES	16	1	5	28	100
POINT SOURCES	365	6	52	573	6762
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1572	54	345	2509	7837
POINT SOURCES	365	6	52	573	6762
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	7695	297	6791	9866	86046
LIGHT DUTY TRUCKS	1367	76	1679	2250	17067
HEAVY DUTY VEHICLES	784	63	1940	3000	39647
OFF HIGHWAY	23	13	229	826	8859
TOTAL (GASOLINE)	9869	449	10639	15942	151619
DIESEL					
HEAVY DUTY VEHICLES	2033	882	8137	1107	3283
OFF HIGHWAY	182	152	1839	269	545
RAIL	51	115	752	191	263

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                               POINT EMISSIONS AS OF: THURSDAY        MAY 28, 1981
STATE:42 SOUTH CAROLINA  AQCR:204 GEORGETOWN

                              PARTICULATES         SOX            NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 9              97              60               4              17
         NATURAL GAS                    5               0              33               4               8
         WOOD                         480               9              20              96            3456
         TOTAL (RESIDENTIAL)          494             106             113             104            3481

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             2223           30269           18572             270             899
         TOTAL (ELEC GEN)            2223           30269           18572             270             899

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES             414           11579            2079              35             174
         DISTILLATE OIL
            AREA SOURCES                1              12              15               0               2
            POINT SOURCES               0               0               1               0               0
         NATURAL GAS
            AREA SOURCES                7               0             268              64              32
            POINT SOURCES               3               0              87               0               4
         WOOD
            POINT SOURCES             890             207            1381             276             276
         LIQUID PETROL GAS
            POINT SOURCES               0               0               2               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                8              12             283              64              34
            POINT SOURCES            1307           11786            3550             311             454

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                2              48               9               0               1
            POINT SOURCES               6              81              17               0               1
         DISTILLATE OIL
            AREA SOURCES                1              24              18               1               4
            POINT SOURCES               0               4               4               0               1
         NATURAL GAS
            AREA SOURCES                5               0              58               4              10
         TOTAL (COMM-INST)
            AREA SOURCES                8              72              85               5              15
            POINT SOURCES               6              85              21               0               2

      TOTAL (EXTERNAL COMB)
```

```
*** H12 ***                                                                                  *** H12 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                    RUN DATE:  TUESDAY   JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
***************************                                 POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981
STATE:43 SOUTH DAKOTA    AQCR:205 BLACKHILLS-RAPID CITY

                           PARTICULATES        SOX            NOX            HC             CO
                           ************   ************   ************   ************   ************
                           TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL              1             20             12              0              4
         NATURAL GAS                20              1            156             16             39
         WOOD                      140              3              6             28           1008
         TOTAL (RESIDENTIAL)       161             24            174             44           1051

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           724            613            654             44             87
         LIGNITE                  1888           1129            525             88            175
         DISTILLATE OIL              1             50             35              1              6
         TOTAL (ELEC GEN)         2613           1792           1214            133            268

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            33             96             51              1              3
         DISTILLATE OIL
            AREA SOURCES             0              5              8              0              1
         WOOD
            POINT SOURCES           73              3             20              4              4
         TOTAL (INDUSTRIAL)
            AREA SOURCES            33            101             59              1              4
            POINT SOURCES           73              3             20              4              4

      COMM-INSTITUTIONAL FUEL

         LIGNITE
            POINT SOURCES          207            347             75             12             25
         RESIDUAL OIL
            AREA SOURCES             0             14              3              0              0
         DISTILLATE OIL
            AREA SOURCES             0              6              3              0              0
         NATURAL GAS
            AREA SOURCES            10              0            124              7             21
         TOTAL (COMM-INST)
            AREA SOURCES            10             20            130              7             21
            POINT SOURCES          207            347             75             12             25

      TOTAL (EXTERNAL COMB)
            AREA SOURCES           204            145            363             52           1076
            POINT SOURCES         2893           2142           1309            149            297

   TOTAL (FUEL COMBUSTION)
```

```
*** H13 ***                                                                                                   *** H13 ***
    TOTAL (SOLID WASTE DISP)
               AREA SOURCES             1038            33           223          1672          5218
              POINT SOURCES               81            70            67           133          1084

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         4221           263          6389          7805         60069
            LIGHT DUTY TRUCKS           1621           128          2841          3005         20292
            HEAVY DUTY VEHICLES          296            34          1263          1140         15708
            OFF HIGHWAY                   36            18           351          1260         13498
            TOTAL (GASOLINE)            5974           443         10844         13210        109567

        DIESEL

            HEAVY DUTY VEHICLES          656           370          3397           349          1020
            OFF HIGHWAY                  258           214          2598           383           768
            RAIL                          98           223          1444           365           508
            TOTAL (DIESEL)              1012           807          7439          1097          2296

    AIRCRAFT

        CIVIL                              0             0             0            14           642
        TOTAL (AIRCRAFT)                   0             0             0            14           642

    VESSELS

        DIESEL FUEL                       13            17           125            33            44
        GASOLINE                           0             3            13           593          1856
        TOTAL (VESSELS)                   13            20           138           626          1900

    TOTAL (TRANSPORTATION)              6999          1270         18421         14947        114405

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    1033             7           242          1461          8516
    FOREST MANAGED BURNING              1166             7           234          1049          6529
    STRUCTURAL FIRES                      77             0             9            58           312
    GASOLINE STA EVAP LOSS                 0             0             0          1583             0
    SOLVENT EVAPORATION LOSS               0             0             0          8603             0
    UNPAVED ROADS                      44706             0             0             0             0
    TOTAL (MISCELLANEOUS)              46980            14           485         12754         15357

GRAND TOTAL
***********

    AREA SOURCES                       55207          1395         19543         29484        136083

    POINT SOURCES                      10162          2930          2563          7269          9851

    TOTAL                              65369          4325         22106         36753        145934
```

```
*** H14 ***                                                                                                   *** H14 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                    POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:44 TENNESSEE      AQCR:208 MIDDLE TENNESSEE

                              PARTICULATES          SOX              NOX               HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              1               36               23                0                4
            NATURAL GAS                71                1              582               57              149
            WOOD                      567                8               22              116             4059
            TOTAL (RESIDENTIAL)       639               45              627              173             4212

        ELEC GENERATION (POINT)

            BITUMINOUS COAL         53657           611072            92685             1663             5541
            DISTILLATE OIL             26              942              729               31              166
            TOTAL (ELEC GEN)        53683           612014            93414             1694             5707

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES        1221            23666             4708              444             1319
            RESIDUAL OIL
                POINT SOURCES          67              868               63                9               28
            DISTILLATE OIL
                POINT SOURCES         167             2157              409               13               75
            NATURAL GAS
                AREA SOURCES           12                0             1111              371              148
                POINT SOURCES         835               74             5176              141              133
            PROCESS GAS
                POINT SOURCES          61              851                1                1                0
            WOOD
                POINT SOURCES         376             1096             1820              832              900
            LIQUID PETROL GAS
                POINT SOURCES           0                1                5                0                0
            OTHER
                POINT SOURCES          10               18               33                3                5
            TOTAL (INDUSTRIAL)
                AREA SOURCES           12                0             1111              371              148
                POINT SOURCES        2737            28731            12215             1443             2460

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES           95              231               99                0                8
            BITUMINOUS COAL
                POINT SOURCES         266             1029              262               20               56
            RESIDUAL OIL
                AREA SOURCES            2               54                9                0                0
```

```
*** H15 ***                                                                                                    *** H15 ***
           POINT SOURCES             5              0              11             0              1
        NATURAL GAS
           AREA SOURCES             46              2    [illegible]             35             90
           POINT SOURCES            35            297             147             2              5
        TOTAL (COMM-INST)
           AREA SOURCES             64            412             672            37            110
           POINT SOURCES            40            297             225             3              9

     TOTAL (EXTERNAL COMB)
           AREA SOURCES           1518          13008           55905         20406           7519
           POINT SOURCES         20522         235726          186255          3411          16252

  INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        DISTILLATE OIL               1              1              13             1              8
        NATURAL GAS                  4              0             125            13             35
        TOTAL (ELEC GEN)             5              1             138            14             43

     INDUSTRIAL FUEL

        NATURAL GAS                177             50           16448            27           2921
        TOTAL (INDUSTRIAL)         177             50           16448            27           2921

     ENGINE-TESTING

        TOTAL (ENG TESTNG)           3              6              42            11            205

     TOTAL (INTERNAL COMB)         185             57           16628            52           3169

  TOTAL (FUEL COMBUSTION)

           AREA SOURCES           1518          13008           55905         20406           7519
           POINT SOURCES         20707         235783          202883          3463          19421

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING        2640          51410             147          4309           1928
    FOOD/AGRICULTURAL              461              0               0             0              0
    PRIMARY METAL                 1519           2366            1970           830           8536
    SECONDARY METALS               582              1               5             3           1415
    MINERAL PRODUCTS              9654            181             123           630             20
    PETROLEUM INDUSTRY             555           2437            2744         10585            197
    WOOD PRODUCTS                  368            178              51             0              1
    ORGANIC SOLVENT EVAPORATION     15              0              15          9644              0
    PETROLEUM STORAGE/TRANSPORT      0              0               0         21788              0
    METAL FABRICATION                4              0               0            68              0
    OTHER/NOT CLASSIFIED           190           4179             144          6277              2
    TOTAL (INDUSTRIAL)           15988          60752            5199         54134          12099

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       OPEN BURNING                  3              0               1             6             17
       TOTAL (GOVERNMENT)            3              0               1             6             17

    RESIDENTIAL (AREA)

       ON SITE INCINERATION        195              0               3           551           1654
       OPEN BURNING                605             23             155           818           2594
       TOTAL (RESIDENTIAL)         800             23             158          1369           4248
```

```
                                                                                                   *** H16 ***
*** H16 ***
TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            13295          657         15063         20267        163948
         LIGHT DUTY TRUCKS               4781          343          7300          8490         60032
         HEAVY DUTY VEHICLES              706           70          2376          2580         35430
         OFF HIGHWAY                       83           46           805          2904         31165
         TOTAL (GASOLINE)               18865         1116         25544         34241        290575

      DIESEL

         HEAVY DUTY VEHICLES             1802          863          7751           949          2851
         OFF HIGHWAY                      238          198          2393           353           709
         RAIL                             142          310          2030           518           712
         TOTAL (DIESEL)                  2182         1371         12174          1820          4272

   AIRCRAFT

      MILITARY                            930           87           559          1654          2979
      CIVIL                                 0            0             1            44          2095
      COMMERCIAL                            3            6            60            67           150
      TOTAL (AIRCRAFT)                    933           93           620          1765          5224

   VESSELS

      GASOLINE                              0            8            37          1435          4494
      TOTAL (VESSELS)                       0            8            37          1435          4494

   TOTAL (TRANSPORTATION)               21980         2588         38375         39261        304565

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                       141            0            15           103           575
   GASOLINE STA EVAP LOSS                   0            0             0          4249             0
   SOLVENT EVAPORATION LOSS                 0            0             0         12722             0
   UNPAVED ROADS                       383338            0             0             0             0
   UNPAVED AIRSTRIPS                       71            0             0             0             0
   TOTAL (MISCELLANEOUS)               383550            0            15         17074           575

GRAND TOTAL
***********

   AREA SOURCES                        407173        10020         64758         66747        312160

   POINT SOURCES                        18317        18412         48933         14402          2906

   TOTAL                               425490        28432        113691         81149        315066
```

```
*** H18 ***                                                                                              *** H18 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                            RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                      AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                     POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:45 TEXAS          AQCR:217 METROPOLITAN SAN ANTONIO

                             PARTICULATES         SOX          NOX           HC            CO
                             ************    ************  ************  ************  ************
                              TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          DISTILLATE OIL               3             94            40             1            10
          NATURAL GAS                148              6          1177           118           293
          TOTAL (RESIDENTIAL)        151            100          1217           119           303

       ELEC GENERATION (POINT)

          BITUMINOUS COAL            986          22952         27180           453          1510
          RESIDUAL OIL               174           1493          1374            15            33
          DISTILLATE OIL              12            110            67             3             9
          NATURAL GAS                377             19         10632            32           104
          TOTAL (ELEC GEN)          1549          24574         39253           503          1656

       INDUSTRIAL FUEL

          BITUMINOUS COAL
             AREA SOURCES            506           3060          1076            32            67
          RESIDUAL OIL
             AREA SOURCES            304           4409          1045            16            86
          DISTILLATE OIL
             AREA SOURCES             16            269           218            12            29
          NATURAL GAS
             AREA SOURCES            153              8         33760         13362          4574
             POINT SOURCES            25            139          2629            44             6
          WOOD
             POINT SOURCES           102              0            34             7             7
          LIQUID PETROL GAS
             POINT SOURCES             1              0             8             0             1
          TOTAL (INDUSTRIAL)
             AREA SOURCES            979           7746         36099         13422          4756
             POINT SOURCES           128            139          2671            51            14

       COMM-INSTITUTIONAL FUEL

          RESIDUAL OIL
             AREA SOURCES             31            466           112             2             8
             POINT SOURCES             0              1             0             0             0
          DISTILLATE OIL
             AREA SOURCES             13            349           181             7            38
          NATURAL GAS
             AREA SOURCES             97              5          1180            77           197
             POINT SOURCES            26              0           450             4             5
          TOTAL (COMM-INST)
             AREA SOURCES            141            820          1473            86           243
```

```
*** I03 ***
       GASOLINE                             0             0             4           173           546
       TOTAL (VESSELS)                      0             0             4           173           546

    TOTAL (TRANSPORTATION)              10078          1347         18910         16965        146608

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     2083            19           489          2940         17148
    STRUCTURAL FIRES                       83             0             8            61           331
    GASOLINE STA EVAP LOSS                  0             0             0          1796             0
    SOLVENT EVAPORATION LOSS                0             0             0          5179             0
    UNPAVED ROADS                      151294             0             0             0             0
    UNPAVED AIRSTRIPS                      38             0             0             0             0
    TOTAL (MISCELLANEOUS)              153498            19           497          9976         17479

GRAND TOTAL
***********

    AREA SOURCES                       164489          1895         29258         31568        169038

    POINT SOURCES                       13105         12428         19029         18717         37122

    TOTAL                              177594         14323         48287         50285        206160
```

```
*** I04 ***                                                                                                    *** I04 ***

                                                    NATIONAL EMISSIONS DATA SYSTEM
                                                    ******************************

                                                    ENVIRONMENTAL PROTECTION AGENCY
                                                    *******************************

STATE/AQCR EMISSIONS REPORT                                                            RUN DATE:  TUESDAY      JANUARY 26, 1982
***************************                                                AREA EMISSIONS AS OF:  TUESDAY         JULY 21, 1981
STATE:38 OREGON           AQCR:192 NORTHWEST OREGON                       POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981

                               PARTICULATES         SOX              NOX              HC               CO
                               ************    ************     ************     ************     ************
                                TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              0                1                0                0                1
            DISTILLATE OIL               5              143               36                1                9
            NATURAL GAS                  3                0               24                2                7
            WOOD                       393                8               15               79             2826
            TOTAL (RESIDENTIAL)        401              152               75               82             2843

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             0                3                1                0                0
            RESIDUAL OIL
                POINT SOURCES          120             1647              425                3               30
            DISTILLATE OIL
                AREA SOURCES             6              133               65                4               10
            NATURAL GAS
                AREA SOURCES             1                0              308              119               42
                POINT SOURCES           32                1              533                7               36
            WOOD
                AREA SOURCES             4                1                6                1                2
                POINT SOURCES          558                0             1824              308              362
            TOTAL (INDUSTRIAL)
                AREA SOURCES            11              137              380              124               54
                POINT SOURCES          710             1648             2782              318              428

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             0                1                0                0                0
            RESIDUAL OIL
                AREA SOURCES            10              114               36                0                3
            DISTILLATE OIL
                AREA SOURCES             2               73               22                1                6
                POINT SOURCES            0                0                4                0                0
            NATURAL GAS
                AREA SOURCES             2                0               21                1                4
            TOTAL (COMM-INST)
                AREA SOURCES            14              188               79                2               13
                POINT SOURCES            0                0                4                0                0

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           426              477              534              208             2910
                POINT SOURCES          710             1648             2786              318              428
```

```
*** I05 ***
    TEXTILE MANUFACTURING              219        0          1         3673          0
    OTHER/NOT CLASSIFIED               764      202        182         4329          7
    TOTAL (INDUSTRIAL)              324636   455216      44713       188364     561243

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION        4151     1158       1222         1605      15093
        OPEN BURNING                     2        0          1            3          8
        OTHER INCINERATION              38       44        199           44          0
        TOTAL (GOVERNMENT)            4191     1202       1422         1652      15101

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           627        7         17         1771       5303
        OPEN BURNING                 15621      579       3996        21077      66848
        TOTAL (RESIDENTIAL)          16248      586       4013        22848      72151

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES           254       79        120          144        349
                POINT SOURCES           45       13         20           31         57
        TOTAL (COMM-INST)
                AREA SOURCES           254       79        120          144        349
                POINT SOURCES           45       13         20           31         57

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES           341       68         68          308        456
                POINT SOURCES          281      191        194          266        887
        OPEN BURNING
                POINT SOURCES           13        1          5           23         66
        TOTAL (INDUSTRIAL)
                AREA SOURCES           341       68         68          308        456
                POINT SOURCES          294      192        199          289        953

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES         16843      733       4201        23300      72956
                POINT SOURCES         4530     1407       1641         1972      16111

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES     191184     7458     175825       250913    2238325
            LIGHT DUTY TRUCKS        34559     2075      46812        58529     448441
            HEAVY DUTY VEHICLES      10663      915      30533        39458     540576
            OFF HIGHWAY                794      418       7831        28199     302411
            TOTAL (GASOLINE)        237200    10866     261001       377099    3529753

        DIESEL

            HEAVY DUTY VEHICLES      28331    12750     123915        16463      46939
            OFF HIGHWAY               3515     2945      35538         5220      10519
            RAIL                      2425     5519      35817         9102      12586
            TOTAL (DIESEL)           34271    21214     195270        30785      70044

    AIRCRAFT
```

AREA SOURCES	20	6	10	10	26
POINT SOURCES	2	0	0	0	1
TOTAL (COMM-INST)					
AREA SOURCES	20	6	10	10	26
POINT SOURCES	2	0	0	0	1
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	20	4	4	18	27
POINT SOURCES	21	2	3	28	323
OPEN BURNING					
POINT SOURCES	13	1	5	23	66
TOTAL (INDUSTRIAL)					
AREA SOURCES	20	4	4	18	27
POINT SOURCES	34	3	8	51	389
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2351	94	594	3216	10139
POINT SOURCES	69	40	192	88	390
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	12618	619	14365	17214	146493
LIGHT DUTY TRUCKS	3837	277	6256	6869	50123
HEAVY DUTY VEHICLES	845	89	3036	3146	43532
OFF HIGHWAY	82	40	798	2872	30807
TOTAL (GASOLINE)	17382	1025	24455	30101	270955
DIESEL					
HEAVY DUTY VEHICLES	2742	1407	13462	1531	4381
OFF HIGHWAY	439	368	4436	652	1314
RAIL	206	469	3049	775	1070
TOTAL (DIESEL)	3387	2244	20947	2958	6765
AIRCRAFT					
MILITARY	5	0	3	8	15
CIVIL	0	0	1	34	1590
COMMERCIAL	2	5	48	53	119
TOTAL (AIRCRAFT)	7	5	52	95	1724
VESSELS					
DIESEL FUEL	115	144	1072	281	375
RESIDUAL OIL	150	1979	325	23	11
GASOLINE	0	7	27	1118	3521
TOTAL (VESSELS)	265	2130	1424	1422	3907
TOTAL (TRANSPORTATION)	21041	5404	46878	34576	283351
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	113	0	27	158	926
STRUCTURAL FIRES	276	0	33	204	1124
GASOLINE STA EVAP LOSS	0	0	0	4916	0
SOLVENT EVAPORATION LOSS	0	0	0	45690	0
UNPAVED ROADS	95515	0	0	0	0
UNPAVED AIRSTRIPS	28	0	0	0	0

```
*** I07 ***                                                                                              *** I07 ***
                 AREA SOURCES               94          19          19          86         126
                 POINT SOURCES             156          23          21         144         130

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             3830         173         949        5341       16664
                 POINT SOURCES             290          36          34         156         309

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

           LIGHT DUTY VEHICLES           45467        1720       39067       53197      485968
           LIGHT DUTY TRUCKS              9173         529       11753       14505      112550
           HEAVY DUTY VEHICLES            2534         208        6895        9080      125378
           OFF HIGHWAY                     162          85        1592        5731       61459
           TOTAL (GASOLINE)              57336        2542       59307       82513      785355

       DIESEL

           HEAVY DUTY VEHICLES            5404        2400       23392        3167        9020
           OFF HIGHWAY                     615         515        6226         914        1842
           RAIL                            568        1295        8411        2138        2955
           TOTAL (DIESEL)                 6587        4210       38029        6219       13817

    AIRCRAFT

       MILITARY                             40           4          24          70         127
       CIVIL                                 2           1           5          68        3133
       COMMERCIAL                           69         152        1416        1585        3534
       TOTAL (AIRCRAFT)                    111         157        1445        1723        6794

    VESSELS

       DIESEL FUEL                         108         136        1010         266         353
       RESIDUAL OIL                        141        1865         306          21          10
       GASOLINE                              0          10          36        1417        4454
       TOTAL (VESSELS)                     249        2011        1352        1704        4817

    TOTAL (TRANSPORTATION)               64283        8920      100133       92159      810783

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        73           0          17         101         590
    STRUCTURAL FIRES                       823           1          98         615        3348
    GASOLINE STA EVAP LOSS                   0           0           0       11244           0
    SOLVENT EVAPORATION LOSS                 0           0           0       88269           0
    UNPAVED ROADS                       183674           0           0           0           0
    UNPAVED AIRSTRIPS                       28           0           0           0           0
    TOTAL (MISCELLANEOUS)               184598           1         115      100229        3938

GRAND TOTAL
***********

    AREA SOURCES                        256129       22759      125618      202618      841511

    POINT SOURCES                       282362     1209736      258240       49158      299113

    TOTAL                               538491     1232495      383858      251776     1140624
```

```
                AREA SOURCES           87          796          931           49          193
                POINT SOURCES         143         1715          853           24           58

      TOTAL (EXTERNAL COMB)
                AREA SOURCES          667         3944         4126          280         2263
                POINT SOURCES        2349         5701         4561           67          254

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES          667         3944         4126          280         2263
                POINT SOURCES        2349         5701         4561           67          254

INDUSTRIAL PROCESS (POINT)
****************************

    CHEMICAL MANUFACTURING              0            0            0          400            0
    SECONDARY METALS                  110            0            2            0         2056
    MINERAL PRODUCTS                  624          340          439            0           15
    ORGANIC SOLVENT EVAPORATION         0            0            0         9444            0
    PETROLEUM STORAGE/TRANSPORT         0            0            0         3702            0
    TEXTILE MANUFACTURING               0            0            0           18            0
    TOTAL (INDUSTRIAL)                734          340          441        13564         2071

SOLID WASTE DISPOSAL
*********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION        231           48           38           37          660
        TOTAL (GOVERNMENT)            231           48           38           37          660

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          659           10           21         1849         5547
        OPEN BURNING                  559           21          142          753         2387
        TOTAL (RESIDENTIAL)          1218           31          163         2602         7934

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES           22            6           10           13           31
        OPEN BURNING
                AREA SOURCES            4            0            1            9           21
        TOTAL (COMM-INST)
                AREA SOURCES           26            6           11           22           52

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            5            0            0            5            6
        OPEN BURNING
                AREA SOURCES           34            1           12           59          209
        TOTAL (INDUSTRIAL)
                AREA SOURCES           39            1           12           64          215

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES         1283           38          186         2688         8201
                POINT SOURCES         231           48           38           37          660

TRANSPORTATION (AREA)
**********************

    LAND VEHICLES

        GASOLINE
```

TOTAL (DIESEL)	2266	1149	10728	1567	4091
AIRCRAFT					
MILITARY	37	4	22	66	120
CIVIL	1	0	2	22	988
COMMERCIAL	7	16	150	168	375
TOTAL (AIRCRAFT)	45	20	174	256	1483
VESSELS					
GASOLINE	0	9	33	1333	4185
TOTAL (VESSELS)	0	9	33	1333	4185
TOTAL (TRANSPORTATION)	12180	1627	21574	19098	161378
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	131	1	30	185	1082
FOREST MANAGED BURNING	2840	22	568	2557	15907
STRUCTURAL FIRES	106	0	13	79	434
GASOLINE STA EVAP LOSS	0	0	0	2376	0
SOLVENT EVAPORATION LOSS	0	0	0	14128	0
UNPAVED ROADS	28020	0	0	0	0
TOTAL (MISCELLANEOUS)	31097	23	611	19325	17423
GRAND TOTAL ***********					
AREA SOURCES	45359	2157	24122	41278	189847
POINT SOURCES	4146	60656	35583	126138	8193
TOTAL	49505	62813	59705	167416	198040

```
                                                                                                   *** I11 ***
*** I11 ***
                 AREA SOURCES                  510           190           481           173           3530
                 POINT SOURCES                3536         42140         22143           581           1355

      TOTAL (FUEL COMBUSTION)

                 AREA SOURCES                  510           190           481           173           3530
                 POINT SOURCES                3536         42140         22143           581           1355

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING                    77             0             0           800           2560
      PRIMARY METAL                             70             0             0             0              0
      SECONDARY METALS                          56             0            48             0              0
      MINERAL PRODUCTS                         231             1             8             1              2
      WOOD PRODUCTS                           1188          1590           600             0          12300
      OTHER/NOT CLASSIFIED                      19             1          1114             6             32
      TOTAL (INDUSTRIAL)                      1641          1592          1770           807          14894

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION                  95             1             4           268            804
          OPEN BURNING                         513            18           132           693           2198
          TOTAL (RESIDENTIAL)                  608            19           136           961           3002

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                 POINT SOURCES                   1             0             0             0              1
          OPEN BURNING
                 AREA SOURCES                    6             0             2            13             34
          TOTAL (COMM-INST)
                 AREA SOURCES                    6             0             2            13             34
                 POINT SOURCES                   1             0             0             0              1

      INDUSTRIAL

          OPEN BURNING
                 AREA SOURCES                    2             0             0             2             10
          TOTAL (INDUSTRIAL)
                 AREA SOURCES                    2             0             0             2             10

      TOTAL (SOLID WASTE DISP)
                 AREA SOURCES                  616            19           138           976           3046
                 POINT SOURCES                   1             0             0             0              1

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

          GASOLINE

              LIGHT DUTY VEHICLES             2092           142          3208          3451          26107
              LIGHT DUTY TRUCKS                514            49          1053          1047           6896
              HEAVY DUTY VEHICLES              109            14           496           434           5970
              OFF HIGHWAY                       17            10           171           617           6622
              TOTAL (GASOLINE)                2732           215          4928          5549          45595

          DIESEL

              HEAVY DUTY VEHICLES              340           195          1796           181            538
              OFF HIGHWAY                      126           106          1279           188            378
```

```
            AREA SOURCES               204          145          363           52         1076
           POINT SOURCES              2893         2142         1309          149          297

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                  227            0            0            0            0
    MINERAL PRODUCTS                  9651         3825          975            0            0
    PETROLEUM STORAGE/TRANSPORT          0            0            0          502            0
    TOTAL (INDUSTRIAL)                9878         3825          975          502            0

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                    29            2           11           54          154
        TOTAL (GOVERNMENT)              29            2           11           54          154

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           130            1            4          369         1107
        OPEN BURNING                   230            9           58          309          980
        TOTAL (RESIDENTIAL)            360           10           62          678         2087

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            10            2            5            6           15
        TOTAL (COMM-INST)
                AREA SOURCES            10            2            5            6           15

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             7            1            1            6            9
               POINT SOURCES           692           10          105         1155        13648
        TOTAL (INDUSTRIAL)
                AREA SOURCES             7            1            1            6            9
               POINT SOURCES           692           10          105         1155        13648

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           377           13           68          690         2111
               POINT SOURCES           721           12          116         1209        13802

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       1585           91         2205         3150        27090
            LIGHT DUTY TRUCKS          781           64         1412         1832        14372
            HEAVY DUTY VEHICLES        105           12          422          453         6471
            OFF HIGHWAY                 16            8          153          552         5923
            TOTAL (GASOLINE)          2487          175         4192         5987        53856

        DIESEL

            HEAVY DUTY VEHICLES        386          203         2074          273          711
            OFF HIGHWAY                119          100         1206          178          356
            RAIL                        26           58          372           94          130
            TOTAL (DIESEL)             531          361         3652          545         1197
```

```
         DISTILLATE OIL
            POINT SOURCES                 4            59            28             3             5
         NATURAL GAS
            AREA SOURCES                 49             2           582            34            94
            POINT SOURCES                 8             7           143             5            28
         LIQUID PETROL GAS
            POINT SOURCES                 0             4            10             0             0
         OTHER
            POINT SOURCES                 4            23             1             3            13
         TOTAL (COMM-INST)
            AREA SOURCES                146           287           690            34           102
            POINT SOURCES               282          1122           444            31           102

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                797           332          2428           578          4462
            POINT SOURCES             56702        641867        106073          3168          8269

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                 296          1726          4058           340           916
         TOTAL (ELEC GEN)               296          1726          4058           340           916

      INDUSTRIAL FUEL

         NATURAL GAS                      0            28         16755          2523          2918
         TOTAL (INDUSTRIAL)               0            28         16755          2523          2918

      TOTAL (INTERNAL COMB)             296          1754         20813          2863          3834

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                797           332          2428           578          4462
            POINT SOURCES             56998        643621        126886          6031         12103

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             3745          1902           261         10060          9099
    FOOD/AGRICULTURAL                   427             0             0            48            33
    PRIMARY METAL                       454          2353             8             5            99
    SECONDARY METALS                   1222          1138          1925           100          6597
    MINERAL PRODUCTS                   5607          2043           869            32            64
    PETROLEUM INDUSTRY                    0             1             0             0             0
    WOOD PRODUCTS                       653             3             0           121             0
    ORGANIC SOLVENT EVAPORATION         100           327            11         18948            79
    PETROLEUM STORAGE/TRANSPORT           2             0             0          4428             0
    METAL FABRICATION                    12             0             2             8             0
    TEXTILE MANUFACTURING                33             5             2             6             0
    OTHER/NOT CLASSIFIED                569           377           171           765             2
    TOTAL (INDUSTRIAL)                12824          8149          3249         34521         15973

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION            13           228           273           127           685
       OPEN BURNING                       1             0             0             2             5
       OTHER INCINERATION                 9             7            46             9             0
       TOTAL (GOVERNMENT)                23           235           319           138           690

    RESIDENTIAL (AREA)

       ON SITE INCINERATION             728             8            20          2054          6157
```

```
  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES          43          9         20         26         58
      TOTAL (COMM-INST)
              AREA SOURCES          43          9         20         26         58

  INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES          30          4          4         28         40
              POINT SOURCES        523         28         74        731       7270
      OPEN BURNING
              AREA SOURCES           5          0          0          5         25
      TOTAL (INDUSTRIAL)
              AREA SOURCES          35          4          4         33         65
              POINT SOURCES        523         28         74        731       7270

  TOTAL (SOLID WASTE DISP)
              AREA SOURCES         878         36        182       1428       4371
              POINT SOURCES        526         28         75        737       7287

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES    14959        705      16057      21881     181296
          LIGHT DUTY TRUCKS       5407        362       7715       9602      69811
          HEAVY DUTY VEHICLES     1018        102       3186       3665      50875
          OFF HIGHWAY               93         51        920       3309      35479
          TOTAL (GASOLINE)       21477       1220      27878      38457     337461

      DIESEL

          HEAVY DUTY VEHICLES     2512       1216      10854       1332       3983
          OFF HIGHWAY              293        243       2940        433        869
          RAIL                     208        473       3057        778       1078
          TOTAL (DIESEL)          3013       1932      16851       2543       5930

  AIRCRAFT

      MILITARY                       7          1          4         12         22
      CIVIL                          1          0          1         47       2063
      COMMERCIAL                     8         16        150        168        374
      TOTAL (AIRCRAFT)              16         17        155        227       2459

  VESSELS

      GASOLINE                       0          6         30       1321       4152
      TOTAL (VESSELS)                0          6         30       1321       4152

  TOTAL (TRANSPORTATION)         24506       3175      44914      42548     350002

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES               89662        791      21095     126581     738384
  FOREST MANAGED BURNING          2244         16        448       2017      12556
  STRUCTURAL FIRES                 183          0         22        137        742
  GASOLINE STA EVAP LOSS             0          0          0       5549          0
  SOLVENT EVAPORATION LOSS           0          0          0      23845          0
  UNPAVED ROADS                 173255          0          0          0          0
  UNPAVED AIRSTRIPS                 14          0          0          0          0
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:45 TEXAS   AQCR:214 CORPUS CHRISTI-VICTORIA

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	0	27	12	0	2
NATURAL GAS	60	1	479	49	121
TOTAL (RESIDENTIAL)	60	28	491	49	123
ELEC GENERATION (POINT)					
DISTILLATE OIL	35	742	293	10	14
NATURAL GAS	625	23	26519	39	168
TOTAL (ELEC GEN)	660	765	26812	49	182
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	443	2698	946	28	61
RESIDUAL OIL					
AREA SOURCES	261	4526	902	14	73
POINT SOURCES	196	6415	167	0	0
DISTILLATE OIL					
AREA SOURCES	16	243	197	10	27
POINT SOURCES	101	383	221	22	31
NATURAL GAS					
AREA SOURCES	274	16	60121	23797	8148
POINT SOURCES	1674	3032	27411	69	278
PROCESS GAS					
POINT SOURCES	88	1733	1132	15	19
LIQUID PETROL GAS					
POINT SOURCES	14	155	26	3	2
TOTAL (INDUSTRIAL)					
AREA SOURCES	994	7481	62166	23849	8309
POINT SOURCES	2073	11718	28957	109	330
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	11	213	42	0	3
DISTILLATE OIL					
AREA SOURCES	4	133	70	2	14
NATURAL GAS					
AREA SOURCES	37	1	440	27	75
POINT SOURCES	10	0	100	3	6
TOTAL (COMM-INST)					
AREA SOURCES	52	347	552	29	92
POINT SOURCES	10	0	100	3	6

POINT SOURCES	26	1	450	4	5
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1271	8666	38789	13627	5302
POINT SOURCES	1703	24714	42374	558	1675
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	10	6	3532	67	415
TOTAL (INDUSTRIAL)	10	6	3532	67	415
ENGINE-TESTING					
TOTAL (ENG TESTNG)	150	0	1	150	75
TOTAL (INTERNAL COMB)	160	6	3533	217	490
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1271	8666	38789	13627	5302
POINT SOURCES	1863	24720	45907	775	2165
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	0	19870	38	0	0
FOOD/AGRICULTURAL	1312	0	0	0	0
SECONDARY METALS	0	0	1	0	0
MINERAL PRODUCTS	26950	7899	1914	19	5
PETROLEUM INDUSTRY	33	953	405	1872	5
ORGANIC SOLVENT EVAPORATION	0	0	1	1324	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	4111	0
METAL FABRICATION	0	0	0	150	0
OTHER/NOT CLASSIFIED	0	0	0	1255	0
TOTAL (INDUSTRIAL)	28295	28722	2359	8731	10
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OPEN BURNING	292	0	34	343	1030
OTHER INCINERATION	7	0	74	0	0
TOTAL (GOVERNMENT)	299	0	108	343	1030
RESIDENTIAL (AREA)					
ON SITE INCINERATION	341	4	8	969	2902
OPEN BURNING	1065	38	271	1439	4563
TOTAL (RESIDENTIAL)	1406	42	279	2408	7465
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	76	20	37	45	108
OPEN BURNING					
AREA SOURCES	2	0	1	5	13
TOTAL (COMM-INST)					
AREA SOURCES	78	20	38	50	121
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	75	12	12	69	100

```
*** J01 ***                                                                                        *** J01 ***

                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

                                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                             AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                            POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE:37 OKLAHOMA       AQCR:017 METROPOLITAN FORT SMITH

                              PARTICULATES        SOX           NOX           HC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              2             9             0             2             8
            NATURAL GAS                 16             0           122            12            30
            WOOD                       716            15            29           143          5157
            TOTAL (RESIDENTIAL)        734            24           151           157          5195

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            14           138            25             0             1
            DISTILLATE OIL
                AREA SOURCES             1            11            15             0             1
            NATURAL GAS
                AREA SOURCES            15             0          2378           907           317
                POINT SOURCES            2             0            58             0             4
            TOTAL (INDUSTRIAL)
                AREA SOURCES            30           149          2418           907           319
                POINT SOURCES            2             0            58             0             4

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES             0             9             3             0             0
            NATURAL GAS
                AREA SOURCES             3             0            33             2             6
            TOTAL (COMM-INST)
                AREA SOURCES             3             9            36             2             6

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           767           182          2605          1066          5520
                POINT SOURCES            2             0            58             0             4

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           767           182          2605          1066          5520
                POINT SOURCES            2             0            58             0             4

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING            1905             0             0           476          1524
    PRIMARY METAL                      400            30           120             0             0
    MINERAL PRODUCTS                  4132             0             0             0             0
    PETROLEUM STORAGE/TRANSPORT          0             0             0             1             0
```

```
*** J02 ***                                                                                                        *** J02 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                                AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                               POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:37 OKLAHOMA        AQCR:186 NORTHEASTERN OKLAHOMA

                                  PARTICULATES          SOX             NOX              HC              CO
                                  ************     ************    ************    ************    ************
                                   TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 19              82               3              19              86
            DISTILLATE OIL                   0               1               0               0               0
            NATURAL GAS                    152               6            1201             120             300
            WOOD                           668              11              28             135            4797
            TOTAL (RESIDENTIAL)            839             100            1232             274            5183

        ELEC GENERATION (POINT)

            BITUMINOUS COAL              18512           18499              99               0               3
            DISTILLATE OIL                   2              10              32               1               5
            NATURAL GAS                    648              30           44502              64            1102
            TOTAL (ELEC GEN)             19162           18539           44633              65            1110

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               354            3357             595              16              36
                POINT SOURCES               59            1631            1489              37             123
            RESIDUAL OIL
                POINT SOURCES               34             322             163               9               5
            DISTILLATE OIL
                AREA SOURCES                24             227             279              14              39
                POINT SOURCES                1               0              11               3               0
            NATURAL GAS
                AREA SOURCES               540              32           83258           31754           11144
                POINT SOURCES               74               1            2405              60              76
            PROCESS GAS
                POINT SOURCES             1286            2686            1073            1195           69724
            TOTAL (INDUSTRIAL)
                AREA SOURCES               918            3616           84132           31784           11219
                POINT SOURCES             1454            4640            5141            1304           69928

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                13             206              51               1               3
            DISTILLATE OIL
                AREA SOURCES                 1              18              13               1               3
            NATURAL GAS
                AREA SOURCES                63               3             768              49             130
                POINT SOURCES               18               3             571              38              96
            TOTAL (COMM-INST)
                AREA SOURCES                77             227             832              51             136
```

```
*** J04 ***                                                                                        *** J04 ***
    TOTAL (FUEL COMBUSTION)

             AREA SOURCES             426          477          534          208          2910
             POINT SOURCES            710         1648         2786          318           428

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                  66            0            0            0             0
    MINERAL PRODUCTS                   87            1            3            0             0
    WOOD PRODUCTS                    2147          325          305            4          3671
    PETROLEUM STORAGE/TRANSPORT         0            3           33            0            27
    OTHER/NOT CLASSIFIED                6          111          122            6            16
    TOTAL (INDUSTRIAL)               2306          440          463           10          3714

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                  150            6           52          281           805
        TOTAL (GOVERNMENT)            150            6           52          281           805

    RESIDENTIAL (AREA)

        OPEN BURNING                   47            2           12           64           202
        TOTAL (RESIDENTIAL)            47            2           12           64           202

    COMMERCIAL-INSTITUTIONAL

        OPEN BURNING
              AREA SOURCES              1            0            0            2             4
        TOTAL (COMM-INST)
              AREA SOURCES              1            0            0            2             4

    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES              2            0            0            2             2
              POINT SOURCES            46            0            6            7           301
        TOTAL (INDUSTRIAL)
              AREA SOURCES              2            0            0            2             2
              POINT SOURCES            46            0            6            7           301

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES             50            2           12           68           208
              POINT SOURCES           196            6           58          288          1106

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      1353           70         1678         2331         18805
            LIGHT DUTY TRUCKS         599           42          979         1139          8260
            HEAVY DUTY VEHICLES        49            6          177          192          2613
            OFF HIGHWAY                 7            3           72          261          2801
            TOTAL (GASOLINE)         2008          121         2906         3923         32479

        DIESEL

            HEAVY DUTY VEHICLES       255          131         1268          145           416
            OFF HIGHWAY                39           33          395           58           117
            RAIL                       53          120          775          197           272
```

*** J05 ***

MILITARY	570	53	344	1011	1822
CIVIL	9	2	19	342	15681
COMMERCIAL	167	369	3447	3857	8604
TOTAL (AIRCRAFT)	746	424	3810	5210	26107
VESSELS					
DIESEL FUEL	339	425	3158	829	1104
RESIDUAL OIL	441	5824	957	67	32
GASOLINE	0	53	212	8502	26727
TOTAL (VESSELS)	780	6302	4327	9398	27863
TOTAL (TRANSPORTATION)	272997	38806	464408	422492	3653767
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	481	0	111	674	3955
STRUCTURAL FIRES	3372	3	399	2519	13725
GASOLINE STA EVAP LOSS	0	0	0	47996	0
SOLVENT EVAPORATION LOSS	0	0	0	447639	0
UNPAVED ROADS	838702	0	0	0	0
UNPAVED AIRSTRIPS	92	0	0	0	0
TOTAL (MISCELLANEOUS)	842647	3	510	498828	17680
GRAND TOTAL ***********					
AREA SOURCES	1153562	125642	579615	965467	3829941
POINT SOURCES	730154	2346981	567418	200492	640046
TOTAL	1883716	2472623	1147033	1165959	4469987

TOTAL (MISCELLANEOUS)	95932	0	60	50968	2050

GRAND TOTAL
****

AREA SOURCES	121441	10934	58772	91421	305859
POINT SOURCES	66319	191310	56935	9254	42061
TOTAL	187760	202244	115707	100675	347920

```
*** JOB ***                                                                                  *** JOB ***
          LIGHT DUTY VEHICLES          23055          718          17971          30451          284817
          LIGHT DUTY TRUCKS             2559          111           2543           4058           33769
          HEAVY DUTY VEHICLES            912           64           2065           3448           46458
          OFF HIGHWAY                     38           20            375           1348           14460
          TOTAL (GASOLINE)             26564          913          22954          39305          379504

       DIESEL

          HEAVY DUTY VEHICLES           1288          496           5074            821            2294
          OFF HIGHWAY                    152          127           1535            226             454
          TOTAL (DIESEL)                1440          623           6609           1047            2748

     AIRCRAFT

        MILITARY                          29            3             17             51              93
        CIVIL                              1            0              2             33            1523
        COMMERCIAL                        14           32            294            329             734
        TOTAL (AIRCRAFT)                  44           35            313            413            2350

     VESSELS

        DIESEL FUEL                       27           34            253             66              89
        RESIDUAL OIL                      12          164             27              2               1
        GASOLINE                           0            7             29           1163            3653
        TOTAL (VESSELS)                   39          205            309           1231            3743

     TOTAL (TRANSPORTATION)            28087         1776          30185          41996          388345

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                     62            0             14             88             513
     STRUCTURAL FIRES                    271            0             33            202            1102
     GASOLINE STA EVAP LOSS                0            0              0           3666               0
     SOLVENT EVAPORATION LOSS              0            0              0          52211               0
     UNPAVED ROADS                      1163            0              0              0               0
     TOTAL (MISCELLANEOUS)              1496            0             47          56167            1615

GRAND TOTAL
***********

     AREA SOURCES                      31533         5758          34544         101131          400424

     POINT SOURCES                      3314         6089           5040          13668            2985

     TOTAL                             34847        11847          39584         114799          403409
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                             *********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

                                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:42 SOUTH CAROLINA  AQCR:167 METROPOLITAN CHARLOTTE

                               PARTICULATES         SOX            NOX            HC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL               13             153             96              5             26
            NATURAL GAS                   6               0             53              6             14
            WOOD                        171               3              8             35           1224
            TOTAL (RESIDENTIAL)         190             156            157             46           1264

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES          1926            8942           4165             84            253
            RESIDUAL OIL
                POINT SOURCES           164            5805            950             15             79
            DISTILLATE OIL
                AREA SOURCES              0              11             14              0              2
                POINT SOURCES             1              44             11              1              3
            NATURAL GAS
                AREA SOURCES             12               0            522            125             61
                POINT SOURCES            23               1           1605              5             48
            PROCESS GAS
                POINT SOURCES             0               1              0              0              0
            WOOD
                POINT SOURCES          1069             176           1174            235            235
            TOTAL (INDUSTRIAL)
                AREA SOURCES             12              11            536            125             63
                POINT SOURCES          3183           14969           7905            340            618

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES              1              41              8              0              0
            DISTILLATE OIL
                AREA SOURCES              1              22             16              1              4
            NATURAL GAS
                AREA SOURCES              4               0             49              3              9
            TOTAL (COMM-INST)
                AREA SOURCES              6              63             73              4             13

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            208             230            766            175           1340
                POINT SOURCES          3183           14969           7905            340            618

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            208             230            766            175           1340
```

RAIL	21	47	305	77	108
TOTAL (DIESEL)	487	348	3380	446	1024
AIRCRAFT					
MILITARY	201	19	121	358	644
CIVIL	0	0	1	10	447
COMMERCIAL	0	0	4	5	10
TOTAL (AIRCRAFT)	201	19	126	373	1101
VESSELS					
DIESEL FUEL	23	28	211	56	74
RESIDUAL OIL	3	42	7	0	0
GASOLINE	0	6	22	898	2820
TOTAL (VESSELS)	26	76	240	954	2894
TOTAL (TRANSPORTATION)	3446	658	8674	7322	50614
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	626	6	147	886	5162
FOREST MANAGED BURNING	1737	13	348	1564	9733
STRUCTURAL FIRES	40	0	4	29	160
GASOLINE STA EVAP LOSS	0	0	0	922	0
SOLVENT EVAPORATION LOSS	0	0	0	7549	0
UNPAVED ROADS	18890	0	0	0	0
TOTAL (MISCELLANEOUS)	21293	19	499	10950	15055
GRAND TOTAL ***********					
AREA SOURCES	25865	886	9792	19421	72245
POINT SOURCES	5178	43732	23913	1388	16250
TOTAL	31043	44618	33705	20809	88495

```
*** J12 ***                                                                                          *** J12 ***
    AIRCRAFT

        MILITARY                            228            21           137           406           732
        CIVIL                                 0             0             0            15           678
        COMMERCIAL                            3             6            58            65           145
        TOTAL (AIRCRAFT)                    231            27           195           486          1555

    VESSELS

        GASOLINE                              0             0             0            28            89
        TOTAL (VESSELS)                       0             0             0            28            89

    TOTAL (TRANSPORTATION)                 3249           563          8039          7046         56697

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                     22291           196          5245         31470        183567
     FOREST MANAGED BURNING                 800             6           160           720          4477
     STRUCTURAL FIRES                        32             0             4            26           132
     GASOLINE STA EVAP LOSS                   0             0             0           647             0
     SOLVENT EVAPORATION LOSS                 0             0             0          2200             0
     UNPAVED ROADS                        54699             0             0             0             0
     UNPAVED AIRSTRIPS                       32             0             0             0             0
     TOTAL (MISCELLANEOUS)                77854           202          5409         35063        188176

GRAND TOTAL
***********

     AREA SOURCES                         81684           923         13879         42851        248060

     POINT SOURCES                        13492          5979          2400          1860         14099

     TOTAL                                95176          6902         16279         44711        262159
```

```
*** J13 ***                                                                                              *** J13 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                      POINT EMISSIONS AS OF: THURSDAY        MAY 28, 1981
STATE:44 TENNESSEE      AQCR:018 METROPOLITAN MEMPHIS

                              PARTICULATES        SOX            NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                1              7              4              0              1
            NATURAL GAS                  64              4            514             51            128
            TOTAL (RESIDENTIAL)          65             11            518             51            129

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             645          69440          43197            236            785
            TOTAL (ELEC GEN)            645          69440          43197            236            785

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES            99           1139            188             30             12
            DISTILLATE OIL
                POINT SOURCES            23           1216            111             21             16
            NATURAL GAS
                AREA SOURCES             16              1           1266            423            163
                POINT SOURCES           492             22           3143            185             84
            WOOD
                POINT SOURCES           505             78            374             76             75
            OTHER
                POINT SOURCES            22              0              0              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES             16              1           1266            423            163
                POINT SOURCES          1141           2455           3816            312            187

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             65            156             67              0              6
            RESIDUAL OIL
                AREA SOURCES              0              3              1              0              0
            DISTILLATE OIL
                POINT SOURCES            36            905            395             18             90
            NATURAL GAS
                AREA SOURCES             43              3            514             34             86
                POINT SOURCES            32              3            974              8             52
            TOTAL (COMM-INST)
                AREA SOURCES            108            162            582             34             92
                POINT SOURCES            68            908           1369             26            142

        TOTAL (EXTERNAL COMB)
```

```
      OPEN BURNING                        1839          67          471         2482         7882
      TOTAL (RESIDENTIAL)                 2567          75          491         4536        14039

    COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            POINT SOURCES                    5           3            8            7           41
      OPEN BURNING
            AREA SOURCES                     6           0            1           11           25
      TOTAL (COMM-INST)
            AREA SOURCES                     6           0            1           11           25
            POINT SOURCES                    5           3            8            7           41

    INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES                  201         564          357          312         3254
      OPEN BURNING
            AREA SOURCES                    15           0            3           19           80
            POINT SOURCES                    4           0            1            4           13
      TOTAL (INDUSTRIAL)
            AREA SOURCES                    15           0            3           19           80
            POINT SOURCES                  205         564          358          316         3267

    TOTAL (SOLID WASTE DISP)
            AREA SOURCES                  2588          75          495         4566        14144
            POINT SOURCES                  233         802          685          461         3998

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             22035         932        21425        29408       253665
         LIGHT DUTY TRUCKS                5216         341         7471         8922        65769
         HEAVY DUTY VEHICLES              1670         147         4740         5726        79671
         OFF HIGHWAY                       117          63         1168         4208        45125
         TOTAL (GASOLINE)                29038        1483        34804        48264       444230

      DIESEL

         HEAVY DUTY VEHICLES              5077        2107        19477         2729         8024
         OFF HIGHWAY                       893         745         8998         1322         2666
         RAIL                              372         842         5459         1386         1918
         TOTAL (DIESEL)                   6342        3694        33934         5437        12608

    AIRCRAFT

      MILITARY                              33           3           20           58          105
      CIVIL                                  1           0            1           39         1820
      COMMERCIAL                            20          43          404          452         1007
      TOTAL (AIRCRAFT)                      54          46          425          549         2932

    VESSELS

      DIESEL FUEL                          103         128          952          251          335
      GASOLINE                               0          13           55         2228         6990
      TOTAL (VESSELS)                      103         141         1007         2479         7325

    TOTAL (TRANSPORTATION)               35537        5364        70170        56729       467095

MISCELLANEOUS (AREA)
********************
```

TOTAL (MISCELLANEOUS)	265358	807	21565	158129	751682

GRAND TOTAL
****

AREA SOURCES	292260	17026	122566	222511	1113574
POINT SOURCES	37221	296563	208157	58334	38807
TOTAL	329481	313589	330723	280845	1152381

```
                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:  TUESDAY      JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY         JULY 21, 1981
STATE:45 TEXAS          AQCR:211 AMARILLO-LUBBOCK                   POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981

                                   PARTICULATES         SOX             NOX             HC              CO
                                   ************     ************    ************    ************    ************
                                    TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                     0               12               5               0               0
         NATURAL GAS                      127                4            1016             102             258
         TOTAL (RESIDENTIAL)              127               16            1021             102             258

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 4703            14677           18790             313            1044
         DISTILLATE OIL                     4               76              21               1               1
         NATURAL GAS                      549               53           12750              39             166
         TOTAL (ELEC GEN)                5256            14806           31561             353            1211

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  309             1885             664              18              40
         RESIDUAL OIL
            AREA SOURCES                  241             4195             836              12              67
         DISTILLATE OIL
            AREA SOURCES                   13              213             174               6              24
            POINT SOURCES                  30              121             909               5               7
         NATURAL GAS
            AREA SOURCES                  171                9           38222           15127            5176
            POINT SOURCES                 384              451            6764              41             842
         PROCESS GAS
            POINT SOURCES                 349             4593           10028              59              76
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  734             6302           39896           15163            5307
            POINT SOURCES                 763             5165           17701             105             925

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                   15              325              63               0               3
         DISTILLATE OIL
            AREA SOURCES                    7              198             100               3              19
         NATURAL GAS
            AREA SOURCES                   54                2             684              42             114
            POINT SOURCES                   6                0              65               1               1
         TOTAL (COMM-INST)
            AREA SOURCES                   76              525             847              45             136
            POINT SOURCES                   6                0              65               1               1

      TOTAL (EXTERNAL COMB)
```

```
        TOTAL (EXTERNAL COMB)
                AREA SOURCES           1106        7856        63209       23927        8524
                POINT SOURCES          2743       12483        55869         161         518

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                0           2            5           0           1
            NATURAL GAS                1443           6       130522       38032       10484
            TOTAL (ELEC GEN)           1443           8       130527       38032       10485

        INDUSTRIAL FUEL

            NATURAL GAS                 230          12        55102         246        7566
            GASOLINE                      1           1           10          93         258
            TOTAL (INDUSTRIAL)          231          13        55112         339        7824

        TOTAL (INTERNAL COMB)          1674          21       185639       38371       18309

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           1106        7856        63209       23927        8524
                POINT SOURCES          4417       12504       241508       38532       18827

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              528        5651         2201       68814      158953
    FOOD/AGRICULTURAL                  3387           0            0           0           0
    PRIMARY METAL                     12068        4484          658          14       71280
    SECONDARY METALS                    160           0            0           0           0
    MINERAL PRODUCTS                   1585        1330          964        1569        8227
    PETROLEUM INDUSTRY                 1208        7057         8663        6134       35315
    ORGANIC SOLVENT EVAPORATION           0           0            0        2405           0
    PETROLEUM STORAGE/TRANSPORT           0           0            0       44683           0
    OTHER/NOT CLASSIFIED                220         394          203       21996           3
    TOTAL (INDUSTRIAL)                19156       18916        12689      145615      273778

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           38           3            4           2          44
        TOTAL (GOVERNMENT)               38           3            4           2          44

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            165           1            3         468        1411
        OPEN BURNING                    522          18          132         705        2234
        TOTAL (RESIDENTIAL)             687          19          135        1173        3645

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES             36           9           18          22          53
        OPEN BURNING
                AREA SOURCES              1           0            0           2           4
        TOTAL (COMM-INST)
                AREA SOURCES             37           9           18          24          57

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             37           7            7          32          46
```

```
                                                                                                   *** J18 ***
*** J18 ***
      OPEN BURNING
            AREA SOURCES                  22            1             6            36           130
      TOTAL (INDUSTRIAL)
            AREA SOURCES                  97           13            18           105           230

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                1581           75           335          2563          7816
            POINT SOURCES                299            0           108           343          1030

TRANSPORTATION (AREA)
**********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           29641          995         23075         38491        341732
         LIGHT DUTY TRUCKS              7185          377          8085         11271         86757
         HEAVY DUTY VEHICLES            1525          118          3554          5153         71431
         OFF HIGHWAY                     103           56          1027          3697         39637
         TOTAL (GASOLINE)              38454         1546         35741         58612        539557

      DIESEL

         HEAVY DUTY VEHICLES            4080         1617         14615          2195          6595
         OFF HIGHWAY                     325          273          3283           483           971
         RAIL                            359          809          5265          1337          1851
         TOTAL (DIESEL)                 4764         2699         23163          4015          9417

   AIRCRAFT

      MILITARY                          1444          136           868          2571          4628
      CIVIL                                2            1             2            55          2673
      COMMERCIAL                          22           48           445           498          1111
      TOTAL (AIRCRAFT)                  1468          185          1315          3124          8412

   VESSELS

      GASOLINE                             0            1             6           327          1023
      TOTAL (VESSELS)                      0            1             6           327          1023

   TOTAL (TRANSPORTATION)              44686         4431         60225         66078        558409

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                      324            1            37           238          1309
   GASOLINE STA EVAP LOSS                  0            0             0          7116             0
   SOLVENT EVAPORATION LOSS                0            0             0         28170             0
   UNPAVED ROADS                      533084            0             0             0             0
   UNPAVED AIRSTRIPS                      58            0             0             0             0
   TOTAL (MISCELLANEOUS)              533466            1            37         35524          1309

GRAND TOTAL
***********

   AREA SOURCES                       581004        13173         99386        117792        572836

   POINT SOURCES                       30457        53442         48374          9849          3205

   TOTAL                              611461        66615        147760        127641        576041
```

```
*** K01 ***                                                                                    *** K01 ***
    TOTAL (INDUSTRIAL)                   6437          30          120          477          1524

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               29           0            0           81           243
        OPEN BURNING                      326          12           83          439          1394
        TOTAL (RESIDENTIAL)               355          12           83          520          1637

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              355          12           83          520          1637

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          1666         105         2490         3052         23568
            LIGHT DUTY TRUCKS             318          29          574          676          4608
            HEAVY DUTY VEHICLES           143          17          593          526          7591
            OFF HIGHWAY                    12           5          119          424          4550
            TOTAL (GASOLINE)             2139         156         3776         4678         40317

        DIESEL

            HEAVY DUTY VEHICLES           365         203         1785          193           557
            OFF HIGHWAY                    91          76          919          135           271
            RAIL                           12          24          160           40            55
            TOTAL (DIESEL)                468         303         2864          368           883

    AIRCRAFT

        CIVIL                               0           0            0            3           172
        TOTAL (AIRCRAFT)                    0           0            0            3           172

    VESSELS

        GASOLINE                            0           3           13          515          1617
        TOTAL (VESSELS)                     0           3           13          515          1617

    TOTAL (TRANSPORTATION)               2607         462         6653         5564         42989

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     1061          10          249         1498          8733
    FOREST MANAGED BURNING                226           1           45          204          1268
    STRUCTURAL FIRES                       27           0            4           20           110
    GASOLINE STA EVAP LOSS                  0           0            0          455             0
    SOLVENT EVAPORATION LOSS                0           0            0         1899             0
    UNPAVED ROADS                       44744           0            0            0             0
    TOTAL (MISCELLANEOUS)               46058          11          298         4076         10111

GRAND TOTAL
***********

    AREA SOURCES                        49787         667         9639        11226         60257

    POINT SOURCES                        6439          30          178          477          1528

    TOTAL                               56226         697         9817        11703         61785
```

POINT SOURCES	18	3	571	38	96
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1834	3943	86196	32109	16538
POINT SOURCES	20634	23182	50345	1407	71134
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
NATURAL GAS	0	0	8	0	0
TOTAL (ELEC GEN)	0	0	8	0	0
INDUSTRIAL FUEL					
DISTILLATE OIL	3	2	17	0	7
NATURAL GAS	25	2	1479	1204	470
TOTAL (INDUSTRIAL)	28	4	1496	1204	477
TOTAL (INTERNAL COMB)	28	4	1504	1204	477
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1834	3943	86196	32109	16538
POINT SOURCES	20662	23186	51849	2611	71611
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	414	2382	0	0	0
FOOD/AGRICULTURAL	14	0	0	0	0
PRIMARY METAL	22	0	0	0	0
SECONDARY METALS	240	0	50	4	3016
MINERAL PRODUCTS	26063	2897	1963	33	42
PETROLEUM INDUSTRY	2182	4977	5820	3016	63158
WOOD PRODUCTS	1	63	61	0	0
ORGANIC SOLVENT EVAPORATION	3	0	0	650	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	14939	0
OTHER/NOT CLASSIFIED	0	0	0	99	0
TOTAL (INDUSTRIAL)	28939	10319	7894	18741	66216
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	236	2	5	664	1993
OPEN BURNING	935	35	243	1266	4012
TOTAL (RESIDENTIAL)	1171	37	248	1930	6005
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1171	37	248	1930	6005
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	21084	797	18851	29069	254763
LIGHT DUTY TRUCKS	4009	208	4369	6506	50288
HEAVY DUTY VEHICLES	1818	146	4460	6181	85501
OFF HIGHWAY	73	38	715	2578	27640
TOTAL (GASOLINE)	26984	1189	28395	44334	418192

```
*** K03 ***                                                                                                  *** K03 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
**************************                                        POINT EMISSIONS AS OF: THURSDAY        MAY 28, 1981
STATE 38:OREGON

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL         40             60              5             40            192
            DISTILLATE OIL         149           4329           1083             58            301
            NATURAL GAS            108              4            864             84            218
            WOOD                  7064            144            282           1416          50832
            TOTAL (RESIDENTIAL)   7361           4537           2234           1598          51543

        ELEC GENERATION (POINT)

            RESIDUAL OIL             0             39              1              0              0
            DISTILLATE OIL           2             43             45              1              2
            NATURAL GAS              1              0             38              0              6
            TOTAL (ELEC GEN)         3             82             84              1              8

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        27            131             50              1              1
                POINT SOURCES       52            734            918             19             68
            RESIDUAL OIL
                POINT SOURCES      721          11802           3374             28            140
            DISTILLATE OIL
                AREA SOURCES       158           3794           1844             96            264
            NATURAL GAS
                AREA SOURCES        63              1          11904           4639           1604
                POINT SOURCES      151             40           3621             74            230
            PROCESS GAS
                AREA SOURCES         0              1              1              0              0
            WOOD
                AREA SOURCES       456             85            574            124            172
                POINT SOURCES    18527             84          28130           6303           5746
            LIQUID PETROL GAS
                POINT SOURCES        0              0             20              0              0
            OTHER
                POINT SOURCES       27             39             55              2              2
            TOTAL (INDUSTRIAL)
                AREA SOURCES       704           4012          14373           4860           2041
                POINT SOURCES    19478          12699          36118           6426           6186

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         7             10              5              0              0
            RESIDUAL OIL
```

TOTAL (DIESEL)	347	284	2438	400	805
AIRCRAFT					
CIVIL	0	0	0	8	351
TOTAL (AIRCRAFT)	0	0	0	8	351
VESSELS					
DIESEL FUEL	30	37	276	72	96
RESIDUAL OIL	26	338	56	4	2
GASOLINE	0	7	29	1160	3642
TOTAL (VESSELS)	56	382	361	1236	3740
TOTAL (TRANSPORTATION)	2411	787	5705	5567	37375
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	387	4	91	545	3184
FOREST MANAGED BURNING	3493	26	698	3143	19561
STRUCTURAL FIRES	20	0	3	16	84
GASOLINE STA EVAP LOSS	0	0	0	480	0
SOLVENT EVAPORATION LOSS	0	0	0	1616	0
UNPAVED ROADS	32367	0	0	0	0
UNPAVED AIRSTRIPS	15	0	0	0	0
TOTAL (MISCELLANEOUS)	36282	30	792	5800	22829
GRAND TOTAL ***********					
AREA SOURCES	39169	1296	7043	11643	63322
POINT SOURCES	3212	2094	3307	616	5248
TOTAL	42381	3390	10350	12259	68570

```
*** K07 ***                                                                                              *** K07 ***
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************
                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************
                                                                        RUN DATE:  TUESDAY   JANUARY 26, 1982
STATE EMISSIONS REPORT                                       AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
*****************************                               POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981
STATE 40:PUERTO RICO

                              PARTICULATES       SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              6             13              2              1             50
            DISTILLATE OIL              12            144             90              5             25
            NATURAL GAS                  3              0             24              2              6
            TOTAL (RESIDENTIAL)         21            157            116              8             81

        ELEC GENERATION (POINT)

            RESIDUAL OIL             14731         184293          46041            482           2409
            DISTILLATE OIL              46           1380            692             23            116
            TOTAL (ELEC GEN)         14777         185673          46733            505           2525

        INDUSTRIAL FUEL

            RESIDUAL OIL
                AREA SOURCES           475          10800           1636             19            136
                POINT SOURCES         2336          31070           7925            180           2977
            DISTILLATE OIL
                AREA SOURCES            42             23            510             20             68
                POINT SOURCES          226          11916           2486            109            556
            NATURAL GAS
                AREA SOURCES             4              0             65              1              6
                POINT SOURCES          211             12           6346             52            338
            PROCESS GAS
                POINT SOURCES            0             46              0              0              0
            BAGASSE
                POINT SOURCES         9074              0           1063           1070           1070
            TOTAL (INDUSTRIAL)
                AREA SOURCES           521          10823           2211             40            210
                POINT SOURCES        11847          43044          17820           1411           4941

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES            32            750            113              2             10
                POINT SOURCES          940          12597           2470             41            205
            DISTILLATE OIL
                AREA SOURCES            31             15            449             11             96
                POINT SOURCES            2            174             38              1              7
            NATURAL GAS
                AREA SOURCES            47              1            626             30            102
            TOTAL (COMM-INST)
                AREA SOURCES           110            766           1188             43            208
                POINT SOURCES          942          12771           2508             42            212
```

POINT SOURCES	3183	14969	7905	340	618
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	0	0	0	4641	0
MINERAL PRODUCTS	749	7	49	59	39
WOOD PRODUCTS	597	1018	392	18	8029
ORGANIC SOLVENT EVAPORATION	0	0	0	416	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	558	0
TEXTILE MANUFACTURING	0	0	0	11810	0
OTHER/NOT CLASSIFIED	0	198	0	0	0
TOTAL (INDUSTRIAL)	1346	1223	441	17502	8068
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	130	1	5	365	1095
OPEN BURNING	306	11	78	411	1307
TOTAL (RESIDENTIAL)	436	12	83	776	2402
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
POINT SOURCES	0	0	0	0	2
OPEN BURNING					
AREA SOURCES	5	0	1	9	21
TOTAL (COMM-INST)					
AREA SOURCES	5	0	1	9	21
POINT SOURCES	0	0	0	0	2
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	3	0	0	5	62
OPEN BURNING					
AREA SOURCES	6	0	1	9	35
TOTAL (INDUSTRIAL)					
AREA SOURCES	6	0	1	9	35
POINT SOURCES	3	0	0	5	62
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	447	12	85	794	2458
POINT SOURCES	3	0	0	5	64
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3614	180	4327	5859	47419
LIGHT DUTY TRUCKS	676	47	1047	1305	9364
HEAVY DUTY VEHICLES	120	12	417	471	6423
OFF HIGHWAY	17	9	160	576	6186
TOTAL (GASOLINE)	4427	248	5951	8211	69392
DIESEL					
HEAVY DUTY VEHICLES	332	165	1539	185	544
OFF HIGHWAY	120	100	1205	178	356
RAIL	25	57	367	94	129
TOTAL (DIESEL)	477	322	3111	457	1029

```
*** K10 ***                                                                                          *** K10 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                          ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

                                                                             RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                      AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                     POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:42 SOUTH CAROLINA  AQCR:201 FLORENCE

                            PARTICULATES        SOX           NOX           HC            CO
                            ************   ************  ************  ************  ************
                             TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                  18           210           130             9            36
            NATURAL GAS                      7             0            39             3            10
            WOOD                           752            15            30           151          5409
            TOTAL (RESIDENTIAL)            777           225           199           163          5455

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               4697         20999          3316            55           184
            RESIDUAL OIL                     1            80            26             0             1
            NATURAL GAS                      0             0            16             0             0
            TOTAL (ELEC GEN)              4698         21079          3358            55           185

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES             1552          3675          1703            73           172
            RESIDUAL OIL
                POINT SOURCES              231          5463           963            17            80
            DISTILLATE OIL
                AREA SOURCES                 2            29            33             2             5
                POINT SOURCES                1            77            15             0             3
            NATURAL GAS
                AREA SOURCES                22             0           814           196            97
                POINT SOURCES               16             0           797             5            37
            WOOD
                POINT SOURCES              599           334          2210           442           442
            TOTAL (INDUSTRIAL)
                AREA SOURCES                24            29           847           198           102
                POINT SOURCES             2399          9549          5688           537           734

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                 3            65            12             0             1
                POINT SOURCES                0             4             1             0             0
            DISTILLATE OIL
                AREA SOURCES                 1            33            25             1             4
            NATURAL GAS
                AREA SOURCES                 7             0            83             6            14
            TOTAL (COMM-INST)
                AREA SOURCES                11            98           120             7            19
                POINT SOURCES                0             4             1             0             0
```

```
*** K13 ***                                                                                *** K13 ***
                 AREA SOURCES              189        174       2366        508        384
                 POINT SOURCES            1854      72803      48382        574       1114

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                    5          4         42          0          0
           TOTAL (ELEC GEN)                  5          4         42          0          0

        TOTAL (INTERNAL COMB)                5          4         42          0          0

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES              189        174       2366        508        384
                 POINT SOURCES            1859      72807      48424        574       1114

INDUSTRIAL PROCESS (POINT)
****************************

     CHEMICAL MANUFACTURING                559       5800          2       9365      16100
     FOOD/AGRICULTURAL                    1325         47         80          6       1725
     PRIMARY METAL                        4958         20          0          0          0
     SECONDARY METALS                      233        349         13          0       1861
     MINERAL PRODUCTS                      458         13          0        115        692
     PETROLEUM INDUSTRY                    213       5561        184        240       8992
     WOOD PRODUCTS                         256          0         48       1232          0
     ORGANIC SOLVENT EVAPORATION             2          0          0       1215          0
     PETROLEUM STORAGE/TRANSPORT             0          0          0       2920          0
     OTHER/NOT CLASSIFIED                   26          0          0          0          0
     TOTAL (INDUSTRIAL)                   8030      11790        327      15093      29370

SOLID WASTE DISPOSAL
*********************

     GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               4          1          1          4          5
        TOTAL (GOVERNMENT)                   4          1          1          4          5

     RESIDENTIAL (AREA)

        ON SITE INCINERATION               500          8         16       1406       4217
        OPEN BURNING                       206          8         53        278        883
        TOTAL (RESIDENTIAL)                706         16         69       1684       5100

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 POINT SOURCES              11          0          8          0          0
        TOTAL (COMM-INST)
                 POINT SOURCES              11          0          8          0          0

     INDUSTRIAL

        ON SITE INCINERATION
                 POINT SOURCES              24         30        227        180         37
        OPEN BURNING
                 AREA SOURCES                2          0          1          3         10
        TOTAL (INDUSTRIAL)
                 AREA SOURCES                2          0          1          3         10
                 POINT SOURCES              24         30        227        180         37

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES              708         16         70       1687       5110
                 POINT SOURCES              39         31        236        184         42
```

*** K14 ***

FOREST WILDFIRES	1019	7	239	1435	8375
FOREST MANAGED BURNING	1516	9	305	1366	8493
STRUCTURAL FIRES	302	0	31	226	1227
GASOLINE STA EVAP LOSS	0	0	0	6665	0
SOLVENT EVAPORATION LOSS	0	0	0	39491	0
UNPAVED ROADS	119147	0	0	0	0
UNPAVED AIRSTRIPS	3	0	0	0	0
TOTAL (MISCELLANEOUS)	121987	16	575	49183	18095

GRAND TOTAL
****

AREA SOURCES	160909	5787	73668	111056	503796
POINT SOURCES	70055	652572	130820	41013	32074
TOTAL	230964	658359	204488	152069	535870

AREA SOURCES	937	6843	41764	15310	5701
POINT SOURCES	6025	19971	49327	459	2137
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	1	5	143	0	5
NATURAL GAS	14	15	1845	47	142
TOTAL (ELEC GEN)	15	20	1988	47	147
INDUSTRIAL FUEL					
NATURAL GAS	198	12	48072	1884	7933
DIESEL FUEL	6	0	576	237	73
TOTAL (INDUSTRIAL)	204	12	48648	2121	8006
TOTAL (INTERNAL COMB)	219	32	50636	2168	8153
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	937	6843	41764	15310	5701
POINT SOURCES	6244	20003	99963	2627	10290
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	3298	36568	2501	70955	639067
FOOD/AGRICULTURAL	22438	0	0	265	0
PRIMARY METAL	124	0	0	0	197
SECONDARY METALS	5	0	29	2	5
MINERAL PRODUCTS	5702	1075	285	0	0
PETROLEUM INDUSTRY	3517	30235	8464	8293	165063
WOOD PRODUCTS	13	0	0	0	0
ORGANIC SOLVENT EVAPORATION	1	0	0	7942	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	15756	0
METAL FABRICATION	5	0	0	0	0
OTHER/NOT CLASSIFIED	0	481	0	15892	0
TOTAL (INDUSTRIAL)	35103	68359	11279	119105	804332
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OPEN BURNING	1033	65	387	1936	5163
OTHER INCINERATION	56	6	14	56	168
TOTAL (GOVERNMENT)	1089	71	401	1992	5331
RESIDENTIAL (AREA)					
ON SITE INCINERATION	200	1	4	565	1692
OPEN BURNING	638	19	160	867	2743
TOTAL (RESIDENTIAL)	838	20	164	1432	4435
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	35	8	17	20	56
POINT SOURCES	1	33	1	0	0
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	36	8	17	22	60
POINT SOURCES	1	33	1	0	0

POINT SOURCES	8	2	115	14	18
OPEN BURNING					
AREA SOURCES	10	0	2	14	55
TOTAL (INDUSTRIAL)					
AREA SOURCES	47	7	9	46	101
POINT SOURCES	8	2	115	14	18
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	771	35	162	1243	3803
POINT SOURCES	46	5	119	16	62
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	14278	662	14870	19731	163258
LIGHT DUTY TRUCKS	4824	338	7244	8276	58611
HEAVY DUTY VEHICLES	748	67	2157	2663	36653
OFF HIGHWAY	61	31	609	2190	23469
TOTAL (GASOLINE)	19911	1098	24880	32860	281991
DIESEL					
HEAVY DUTY VEHICLES	1841	802	7283	997	2989
OFF HIGHWAY	178	149	1807	267	535
RAIL	160	366	2378	601	835
TOTAL (DIESEL)	2179	1317	11468	1865	4359
AIRCRAFT					
MILITARY	3114	292	1872	5541	9977
CIVIL	1	0	1	33	1525
COMMERCIAL	5	12	109	121	271
TOTAL (AIRCRAFT)	3120	304	1982	5695	11773
VESSELS					
DIESEL FUEL	314	390	2922	767	1022
RESIDUAL OIL	415	5481	901	62	30
GASOLINE	0	99	375	15112	47476
TOTAL (VESSELS)	729	5970	4198	15941	48528
TOTAL (TRANSPORTATION)	25939	8689	42528	56361	346651
MISCELLANEOUS (AREA) ********************					
STRUCTURAL FIRES	156	0	18	118	636
GASOLINE STA EVAP LOSS	0	0	0	3704	0
SOLVENT EVAPORATION LOSS	0	0	0	10537	0
UNPAVED ROADS	290452	0	0	0	0
UNPAVED AIRSTRIPS	67	0	0	0	0
TOTAL (MISCELLANEOUS)	290675	0	18	14359	636
GRAND TOTAL ***********					
AREA SOURCES	318491	16580	105917	95890	359614
POINT SOURCES	23619	31425	254316	184163	292667
TOTAL	342110	48005	360233	280053	652281

*** K18 ***

*** K18 ***

```
*** L02 ***
         DIESEL

              HEAVY DUTY VEHICLES           3737        1591        14367        2055        6108
              OFF HIGHWAY                    585         488         5899         870        1746
              RAIL                            84         192         1243         316         436
              TOTAL  (DIESEL)               4406        2271        21509        3241        8290

     AIRCRAFT

          MILITARY                           418          39          251         744        1340
          CIVIL                                3           1            4          82        3751
          COMMERCIAL                          16          34          317         355         792
          TOTAL  (AIRCRAFT)                  437          74          572        1181        5883

     VESSELS

          GASOLINE                             0          14           52        2110        6636
          TOTAL  (VESSELS)                     0          14           52        2110        6636

     TOTAL  (TRANSPORTATION)               31827        3548        50528       50866      439001

MISCELLANEOUS (AREA)
*********************

     FOREST WILDFIRES                       1849          16          436        2608       15221
     FOREST MANAGED BURNING                   75           1           15          67         418
     STRUCTURAL FIRES                        106           0           13          79         430
     GASOLINE STA EVAP LOSS                    0           0            0        5092           0
     SOLVENT EVAPORATION LOSS                  0           0            0       31338           0
     UNPAVED ROADS                        154151           0            0           0           0
     TOTAL  (MISCELLANEOUS)               156181          17          464       39184       16069

GRAND TOTAL
***********

     AREA SOURCES                         191013        7545       137436      124089      477613

     POINT SOURCES                         49601       33505        59743       21352      137827

     TOTAL                                240614       41050       197179      145441      615440
```

```
*** L03 ***                                                                                 *** L03 ***
                AREA SOURCES                 318       3534       1112         14         94
            DISTILLATE OIL
                AREA SOURCES                  57       2193        670         29        150
                POINT SOURCES                 43        274        278          6         15
            NATURAL GAS
                AREA SOURCES                  69          1        814         49        136
                POINT SOURCES                  1          0         22          1          3
            WOOD
                AREA SOURCES                   6          1          6          1          1
            OTHER
                POINT SOURCES                  0          0          2          0          0
            TOTAL (COMM-INST)
                AREA SOURCES                 457       5739       2607         93        381
                POINT SOURCES                 44        274        302          7         18

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                8522      14288      19214       6551      53965
                POINT SOURCES              19525      13055      36504       6434       6212

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     8          0         40          2          2
            NATURAL GAS                        9          3        199          0         80
            TOTAL (ELEC GEN)                  17          3        239          2         82

        TOTAL (INTERNAL COMB)                 17          3        239          2         82

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                8522      14288      19214       6551      53965
                POINT SOURCES              19542      13058      36743       6436       6294

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               209         25         31       1746      10659
    FOOD/AGRICULTURAL                   1638          0          0         12          0
    SECONDARY METALS                    1213       3486         40        121        493
    MINERAL PRODUCTS                    8276       2182       1126        238         32
    PETROLEUM INDUSTRY                     1          0          0          1          0
    WOOD PRODUCTS                      16670       3767       3069       8481      10397
    ORGANIC SOLVENT EVAPORATION           13          0          0       7761          1
    PETROLEUM STORAGE/TRANSPORT            0          3         33       5975         27
    METAL FABRICATION                    413        181          0          2          0
    OTHER/NOT CLASSIFIED                3357       2372       1958        536        144
    TOTAL (INDUSTRIAL)                 31790      12016       6257      24873      21753

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            77         16         85         32         78
        OPEN BURNING                     357         15        110        591       1722
        TOTAL (GOVERNMENT)               434         31        195        623       1800

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            2506         40         78       7049      21149
        OPEN BURNING                    3209        116        821       4329      13725
        TOTAL (RESIDENTIAL)             5715        156        899      11378      34874

    COMMERCIAL-INSTITUTIONAL
```

```
*** L05 ***                                                                                                   *** L05 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                                   RUN DATE:  TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                            AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                                           POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:39 PENNSYLVANIA    AQCR:045 METROPOLITAN PHILADELPHIA

                              PARTICULATES        SOX             NOX             HC              CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          ANTHRACITE COAL              278            737              84              69            2494
          DISTILLATE OIL              1305          15053            9407             522            2614
          NATURAL GAS                  475             27            3800             380             949
          WOOD                         227              5               9              46            1629
          TOTAL (RESIDENTIAL)         2285          15822           13300            1017            7686

       ELEC GENERATION (POINT)

          ANTHRACITE COAL              626            280              66               0               4
          BITUMINOUS COAL             6880          75736           14220             237             791
          RESIDUAL OIL                 235          11175           19350             223            1118
          DISTILLATE OIL                 1             41              52               2               9
          TOTAL (ELEC GEN)            7742          87232           33688             462            1922

       INDUSTRIAL FUEL

          ANTHRACITE COAL
              POINT SOURCES            273            333             170               1              81
          BITUMINOUS COAL
              AREA SOURCES             708           5675            1422              43              92
          RESIDUAL OIL
              POINT SOURCES           1457          18060            9961             259             863
          DISTILLATE OIL
              AREA SOURCES             138           1319            1604              86             231
              POINT SOURCES             60           2158             581              33             126
          NATURAL GAS
              AREA SOURCES             195             12           12081            3735            1526
              POINT SOURCES             46              5             838              16              78
          PROCESS GAS
              POINT SOURCES            258           3576             585              28              16
          OTHER
              POINT SOURCES              0              3               1               0               0
          TOTAL (INDUSTRIAL)
              AREA SOURCES            1041           7006           15107            3864            1849
              POINT SOURCES           2094          24135           12136             337            1164

       COMM-INSTITUTIONAL FUEL

          ANTHRACITE COAL
              AREA SOURCES            1090           2609            1128               0              99
              POINT SOURCES            992            732             225              24             761
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:39 PENNSYLVANIA AQCR:195 CENTRAL PENNSYLVANIA

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	884	2347	265	221	7939
DISTILLATE OIL	284	3264	2039	113	568
NATURAL GAS	83	3	654	65	164
WOOD	1086	22	42	218	7812
TOTAL (RESIDENTIAL)	2337	5636	3000	617	16483
ELEC GENERATION (POINT)					
ANTHRACITE COAL	54788	8947	7064	0	392
BITUMINOUS COAL	7650	160541	42715	713	2376
RESIDUAL OIL	1	9	5	0	0
DISTILLATE OIL	9	156	137	5	18
OTHER	417	18031	1473	2	82
TOTAL (ELEC GEN)	62865	187684	51394	720	2868
INDUSTRIAL FUEL					
ANTHRACITE COAL					
POINT SOURCES	40	161	88	1	27
BITUMINOUS COAL					
AREA SOURCES	206	1653	414	10	26
POINT SOURCES	4550	18591	3283	206	420
LIGNITE					
POINT SOURCES	1	4	2	0	1
RESIDUAL OIL					
POINT SOURCES	215	2978	539	10	48
DISTILLATE OIL					
AREA SOURCES	50	508	616	35	87
POINT SOURCES	49	344	134	5	44
NATURAL GAS					
AREA SOURCES	59	2	3747	1158	473
POINT SOURCES	17	1	865	4	26
PROCESS GAS					
POINT SOURCES	59	10142	0	0	0
WOOD					
POINT SOURCES	215	14	94	156	135
TOTAL (INDUSTRIAL)					
AREA SOURCES	315	2163	4777	1203	586
POINT SOURCES	5146	32235	5005	382	701
COMM-INSTITUTIONAL FUEL					

```
*** L07 ***                                                                                        *** L07 ***
         TOTAL  (EXTERNAL COMB)
                   AREA SOURCES               652        11746        3515         91        499
                   POINT SOURCES            27566       241488       67061       1958       7678

      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

            DISTILLATE OIL                   2129        13642       31384        592       1625
            TOTAL  (ELEC GEN)                2129        13642       31384        592       1625

         INDUSTRIAL  FUEL

            DISTILLATE OIL                     32          182         441         36         98
            NATURAL  GAS                       50            6       13118         40       1760
            TOTAL  (INDUSTRIAL)                82          188       13559         76       1858

         TOTAL  (INTERNAL COMB)              2211        13830       44943        668       3483

      TOTAL  (FUEL COMBUSTION)

                   AREA SOURCES               652        11746        3515         91        499
                   POINT SOURCES            29777       255318      112004       2626      11161

   INDUSTRIAL  PROCESS  (POINT)
   ***************************

      CHEMICAL  MANUFACTURING                 205          141           0       1030          0
      FOOD/AGRICULTURAL                       458            0           0          0          1
      PRIMARY  METAL                           83          128           0          0        162
      SECONDARY  METALS                       441          149         141          6          8
      MINERAL  PRODUCTS                     24078         7665        1826          0          0
      PETROLEUM  INDUSTRY                    4991        42598       15294       2360      94248
      ORGANIC  SOLVENT  EVAPORATION             0            0           0       1332          0
      PETROLEUM  STORAGE/TRANSPORT              0            0           0      13735          0
      OTHER/NOT  CLASSIFIED                    57         8413           0         14          0
      TOTAL  (INDUSTRIAL)                   30313        59094       17261      18477      94419

   SOLID  WASTE  DISPOSAL
   *********************

      GOVERNMENT  (POINT)

         MUNICIPAL  INCINERATION                0            1           1          0         10
         OPEN  BURNING                          2            0           1          3          9
         OTHER  INCINERATION                   42            8          42          8          0
         TOTAL  (GOVERNMENT)                   44            9          44         11         19

      COMMERCIAL-INSTITUTIONAL

         ON  SITE  INCINERATION
                   POINT  SOURCES             190           58         129        363        609
         TOTAL  (COMM-INST)
                   POINT  SOURCES             190           58         129        363        609

      INDUSTRIAL

         ON  SITE  INCINERATION
                   POINT  SOURCES              11            3           1         30         19
         OPEN  BURNING
                   POINT  SOURCES             191           11          67        334        951
         TOTAL  (INDUSTRIAL)
                   POINT  SOURCES             202           14          68        364        970

      TOTAL  (SOLID  WASTE  DISP)
                   POINT  SOURCES             436           81         241        738       1598
```

```
*** L08 ***                                                                                          *** L08 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE EMISSIONS REPORT                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 42:SOUTH CAROLINA                                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES        SOX              NOX              HC               CO
                                ************    ************     ************     ************     ************
                                 TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              146            1668             1044               58              288
            NATURAL GAS                 124               2              970               95              248
            WOOD                       4509              88              184              907            32418
            TOTAL (RESIDENTIAL)        4779            1758             2198             1060            32954

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           18571          177386            93588             1057             3523
            RESIDUAL OIL               2296           23890             7514               71              358
            DISTILLATE OIL                0              21               57                2                9
            NATURAL GAS                   4               0             1142                1               27
            TOTAL (ELEC GEN)          20871          201297           102301             1131             3917

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         11795           29391            16080              475             1176
            RESIDUAL OIL
                POINT SOURCES          2285           42710             7871              133              653
            DISTILLATE OIL
                AREA SOURCES             17             212              257                8               33
                POINT SOURCES            26             607              286               12               64
            NATURAL GAS
                AREA SOURCES            158               6             6200             1490              733
                POINT SOURCES           152               6             5556               44              292
            PROCESS GAS
                POINT SOURCES             0               1                0                0                0
            WOOD
                POINT SOURCES          4112            1043             6935             1388             1388
            LIQUID PETROL GAS
                POINT SOURCES             0               0                3                0                0
            OTHER
                POINT SOURCES            12               0                0                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            175             218             6457             1498              766
                POINT SOURCES         18382           73758            36731             2052             3573

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES          1538            1774              505               34               67
            RESIDUAL OIL
                AREA SOURCES             34             740              134                0                8
```

```
*** L09 ***
    AIRCRAFT

        CIVIL                                  0           0           0           4          221
        TOTAL (AIRCRAFT)                       0           0           0           4          221

    VESSELS

        GASOLINE                               0           2           4         195          614
        TOTAL (VESSELS)                        0           2           4         195          614

    TOTAL (TRANSPORTATION)                  4904         572        9066        8867        71256

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          78           0          18         111          643
    FOREST MANAGED BURNING                   513           3         103         461         2873
    STRUCTURAL FIRES                          53           0           6          39          218
    GASOLINE STA EVAP LOSS                     0           0           0         916            0
    SOLVENT EVAPORATION LOSS                   0           0           0        7738            0
    UNPAVED ROADS                          11473           0           0           0            0
    TOTAL (MISCELLANEOUS)                  12117           3         127        9265         3734

GRAND TOTAL
***********

    AREA SOURCES                           17676         817       10044       19101        78788

    POINT SOURCES                           4532       16192        8346       17847         8750

    TOTAL                                  22208       17009       18390       36948        87538
```

```
*** L10 ***                                                                                   *** L10 ***
        TOTAL (EXTERNAL COMB)
              AREA SOURCES          812          352          1166          368          5576
              POINT SOURCES        7097        30632          9047          592           919

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES          812          352          1166          368          5576
              POINT SOURCES        7097        30632          9047          592           919

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING            17            0             0          410             0
   FOOD/AGRICULTURAL                 12            0             0            0             0
   PRIMARY METAL                     17            0             0            0          3330
   MINERAL PRODUCTS                 574            1            50            4             5
   WOOD PRODUCTS                    238          604           228            0          4674
   ORGANIC SOLVENT EVAPORATION        0            0             0           95             0
   TOTAL (INDUSTRIAL)               858          605           278          509          8009

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION          182            2             7          513          1538
      OPEN BURNING                  816           30           209         1100          3491
      TOTAL (RESIDENTIAL)           998           32           216         1613          5029

   COMMERCIAL-INSTITUTIONAL

      OPEN BURNING
            AREA SOURCES             10            0             3           19            46
      TOTAL (COMM-INST)
            AREA SOURCES             10            0             3           19            46

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES             2            0             0            3            10
      OPEN BURNING
            AREA SOURCES              5            0             1            7            30
      TOTAL (INDUSTRIAL)
            AREA SOURCES              5            0             1            7            30
            POINT SOURCES             2            0             0            3            10

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES           1013           32           220         1639          5105
            POINT SOURCES             2            0             0            3            10

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       4071          252          6004         7180         55122
         LIGHT DUTY TRUCKS          821           70          1567         1730         11681
         HEAVY DUTY VEHICLES        207           25           855          819         11231
         OFF HIGHWAY                 31           16           305         1096         11739
         TOTAL (GASOLINE)          5130          363          8731        10825         89773

      DIESEL

         HEAVY DUTY VEHICLES        732          405          3755          399          1177
```

```
*** L11 ***                                                                                                   *** L11 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                             *********************************

                                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 43:SOUTH DAKOTA

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                47            543            343             12             93
            NATURAL GAS                   83              2            672             63            170
            WOOD                         577             10             24            119           4122
            TOTAL (RESIDENTIAL)          707            555           1039            194           4385

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             1391           4116           1079             61            126
            LIGNITE                     4652          28188          19886            454           1357
            RESIDUAL OIL                   5             62            691              0              2
            DISTILLATE OIL                 1            108             59              2             10
            NATURAL GAS                    0              0            320              0              1
            PROCESS GAS                    1              0             48              0              4
            TOTAL (ELEC GEN)            6050          32474          22083            517           1500

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             364           1043            556             12             33
            RESIDUAL OIL
                POINT SOURCES             29            385              0              1              7
            DISTILLATE OIL
                AREA SOURCES               1             30             42              1              3
            NATURAL GAS
                AREA SOURCES               0              0             51             20              7
                POINT SOURCES              2              0            195              0              3
            WOOD
                POINT SOURCES             73              3             20              4              4
            TOTAL (INDUSTRIAL)
                AREA SOURCES             365           1073            649             33             43
                POINT SOURCES            104            388            215              5             14

        COMM-INSTITUTIONAL FUEL

            LIGNITE
                POINT SOURCES            221            847            110             18             37
            RESIDUAL OIL
                AREA SOURCES              11            222             61              0              1
            DISTILLATE OIL
                AREA SOURCES               4            123             96              0             12
                POINT SOURCES              9            348            102              5             23
            NATURAL GAS
                AREA SOURCES              40              1            538             29             82
```

```
*** L12 ***                                                                                          *** L12 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:43 SOUTH DAKOTA    AQCR:206 SOUTH DAKOTA

                            PARTICULATES       SOX          NOX           HC            CO
                            ************  ************  ************  ************  ************
                             TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL             40           455           288            10            77
         NATURAL GAS                41             0           347            30            88
         WOOD                      393             7            16            82          2799
         TOTAL (RESIDENTIAL)       474           462           651           122          2964

      ELEC GENERATION (POINT)

         LIGNITE                  2764         27059         19361           366          1182
         DISTILLATE OIL              0            58            24             1             4
         PROCESS GAS                 1             0            48             0             4
         TOTAL (ELEC GEN)         2765         27117         19433           367          1190

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           202           577           309             6            18
         RESIDUAL OIL
            POINT SOURCES            5            61             0             0             1
         DISTILLATE OIL
            AREA SOURCES             0            12            17             0             0
         NATURAL GAS
            AREA SOURCES             0             0            13             5             2
            POINT SOURCES            2             0           138             0             3
         TOTAL (INDUSTRIAL)
            AREA SOURCES           202           589           339            11            20
            POINT SOURCES            7            61           138             0             4

      COMM-INSTITUTIONAL FUEL

         LIGNITE
            POINT SOURCES           14           500            35             6            12
         RESIDUAL OIL
            AREA SOURCES            11           195            53             0             1
         DISTILLATE OIL
            AREA SOURCES             4           110            88             0            11
         NATURAL GAS
            AREA SOURCES            15             0           236            11            32
            POINT SOURCES            0             0            13             0             1
         TOTAL (COMM-INST)
            AREA SOURCES            30           305           377            11            44
            POINT SOURCES           14           500            48             6            13

      TOTAL (EXTERNAL COMB)
```

*** L13 ***

TRANSPORTATION (AREA)
****

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	15476	455	10273	16848	160519
LIGHT DUTY TRUCKS	2471	100	2142	3334	27831
HEAVY DUTY VEHICLES	998	68	2048	3142	44282
OFF HIGHWAY	37	20	366	1319	14142
TOTAL (GASOLINE)	18982	643	14829	24643	246774
DIESEL					
HEAVY DUTY VEHICLES	3448	1306	12022	1849	5449
OFF HIGHWAY	210	176	2127	313	630
RAIL	229	521	3384	860	1189
TOTAL (DIESEL)	3887	2003	17533	3022	7268
AIRCRAFT					
MILITARY	15	1	9	27	49
CIVIL	1	0	1	18	824
COMMERCIAL	47	104	970	1085	2420
TOTAL (AIRCRAFT)	63	105	980	1130	3293
VESSELS					
DIESEL FUEL	203	254	1895	497	663
GASOLINE	0	1	4	159	499
TOTAL (VESSELS)	203	255	1899	656	1162
TOTAL (TRANSPORTATION)	23135	3006	35241	29451	258497

MISCELLANEOUS (AREA)
****

FOREST WILDFIRES	39	0	9	55	319
FOREST MANAGED BURNING	101	1	20	91	566
STRUCTURAL FIRES	206	1	25	155	840
GASOLINE STA EVAP LOSS	0	0	0	4117	0
SOLVENT EVAPORATION LOSS	0	0	0	22888	0
UNPAVED ROADS	6581	0	0	0	0
TOTAL (MISCELLANEOUS)	6927	2	54	27306	1725

GRAND TOTAL
****

AREA SOURCES	30959	3198	37731	58952	265716
POINT SOURCES	9928	84628	48987	15851	30526
TOTAL	40887	87826	86718	74803	296242

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT
STATE:45 TEXAS AQCR:106 SOUTHERN LOUISIANA-SOUTHEAST T

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	1	25	9	0	2
NATURAL GAS	78	3	629	65	158
TOTAL (RESIDENTIAL)	79	28	638	65	160
ELEC GENERATION (POINT)					
NATURAL GAS	563	22	11756	37	152
OTHER	704	25	283	33	33
TOTAL (ELEC GEN)	1267	47	12039	70	185
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	431	2618	919	27	58
RESIDUAL OIL					
AREA SOURCES	438	7345	1513	23	127
POINT SOURCES	86	400	529	20	15
DISTILLATE OIL					
AREA SOURCES	23	304	247	12	35
POINT SOURCES	58	571	183	13	20
NATURAL GAS					
AREA SOURCES	180	10	39491	15630	5352
POINT SOURCES	2895	581	56213	2222	722
PROCESS GAS					
POINT SOURCES	212	7755	6990	34	47
WOOD					
POINT SOURCES	11757	358	2390	476	500
LIQUID PETROL GAS					
POINT SOURCES	20	552	71	3	15
OTHER					
POINT SOURCES	39	23	23	9	9
TOTAL (INDUSTRIAL)					
AREA SOURCES	1072	10277	42170	15692	5572
POINT SOURCES	15067	10240	66399	2777	1328
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	10	217	44	0	2
DISTILLATE OIL					
AREA SOURCES	6	136	70	2	16
NATURAL GAS					
AREA SOURCES	38	1	457	31	77

```
*** L16 ***                                                                                          *** L16 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              44            4            4           43           58
                POINT SOURCES            102           27           89           13           23
        OPEN BURNING
                AREA SOURCES              10            0            2           15           60
        TOTAL (INDUSTRIAL)
                AREA SOURCES              54            4            6           58          118
                POINT SOURCES            102           27           89           13           23

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             928           32          187         1512         4613
                POINT SOURCES           1192          131          491         2005         5354

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        15739          669        15180        21480       182209
            LIGHT DUTY TRUCKS           5628          380         7992         9572        69504
            HEAVY DUTY VEHICLES         1250          120         3852         4458        61972
            OFF HIGHWAY                  112           58         1079         3882        41623
            TOTAL (GASOLINE)           22729         1227        28103        39392       355308

        DIESEL

            HEAVY DUTY VEHICLES         2917         1320        11847         1618         4772
            OFF HIGHWAY                  345          286         3453          506         1024
            RAIL                         195          435         2823          717          995
            TOTAL (DIESEL)              3457         2041        18123         2841         6791

    AIRCRAFT

        MILITARY                         341           32          205          607         1093
        CIVIL                              1            0            1           77         3605
        COMMERCIAL                        11           25          232          260          581
        TOTAL (AIRCRAFT)                 353           57          438          944         5279

    VESSELS

        GASOLINE                           0           11           46         1822         5724
        TOTAL (VESSELS)                    0           11           46         1822         5724

    TOTAL (TRANSPORTATION)             26539         3336        46710        44999       373102

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                     191            0           17          138          764
    GASOLINE STA EVAP LOSS                 0            0            0         5990            0
    SOLVENT EVAPORATION LOSS               0            0            0        16062            0
    UNPAVED ROADS                     553469            0            0            0            0
    UNPAVED AIRSTRIPS                    118            0            0            0            0
    TOTAL (MISCELLANEOUS)             553778            0           17        22190          764

GRAND TOTAL
***********

    AREA SOURCES                      582182        10211        88678        84011       384180

    POINT SOURCES                      42539        88493       111733       123737       819976
```

```
*** L18 ***                                                                                              *** L18 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                                  RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                         AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                        POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:45 TEXAS          AQCR:218 MIDLAND-ODESSA-SAN ANGELO

                              PARTICULATES          SOX            NOX            HC             CO
                              ************     ************   ************   ************   ************
                               TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                0               10              2              0              0
         NATURAL GAS                  73                3            555             55            139
         TOTAL (RESIDENTIAL)          73               13            557             55            139

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 11              110             70              1              1
         DISTILLATE OIL                2               19             15              0              1
         NATURAL GAS                 223                9           9652             14             64
         TOTAL (ELEC GEN)            236              138           9737             15             66

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             129              774            273              8             16
         RESIDUAL OIL
            AREA SOURCES              80             1441            289              4             23
            POINT SOURCES             99             1236           1290             12             21
         DISTILLATE OIL
            AREA SOURCES               6               91             71              4             10
         NATURAL GAS
            AREA SOURCES              59                2          13105           5189           1775
            POINT SOURCES            413             2189           8288             55             86
         PROCESS GAS
            POINT SOURCES              0             4284              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             274             2308          13738           5205           1824
            POINT SOURCES            512             7709           9578             67            107

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               8              191             37              0              3
         DISTILLATE OIL
            AREA SOURCES               4              118             58              3             11
         NATURAL GAS
            AREA SOURCES              31                1            389             24             66
            POINT SOURCES              3                0             26              0              0
         TOTAL (COMM-INST)
            AREA SOURCES              43              310            484             27             80
            POINT SOURCES              3                0             26              0              0

      TOTAL (EXTERNAL COMB)
```

```
*** M01 ***                                                                                              *** M01 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                           ********************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                           *********************************

                                                                               RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                         AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
******************************                                     POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:37 OKLAHOMA       AQCR:022 SHREVEPORT-TEXARKANA-TYLER

                              PARTICULATES        SOX            NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         NATURAL GAS                    4              0             34              3              9
         WOOD                         238              5             10             48           1710
         TOTAL (RESIDENTIAL)          242              5             44             51           1719

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               20            192             34              1              2
         RESIDUAL OIL
            POINT SOURCES              99           4880           1522             29             57
         DISTILLATE OIL
            AREA SOURCES                2             20             25              1              4
         NATURAL GAS
            AREA SOURCES               25              1           3771           1438            505
            POINT SOURCES              47              0            738              9             90
         WOOD
            POINT SOURCES             110            113            820            161            152
         LIQUID PETROL GAS
            POINT SOURCES               0              0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               47            213           3830           1440            511
            POINT SOURCES             256           4993           3081            199            299

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                0              4              1              0              0
         NATURAL GAS
            AREA SOURCES                1              0             12              1              2
         TOTAL (COMM-INST)
            AREA SOURCES                1              4             13              1              2

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              290            222           3887           1492           2232
            POINT SOURCES             256           4993           3081            199            299

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              290            222           3887           1492           2232
            POINT SOURCES             256           4993           3081            199            299

INDUSTRIAL PROCESS (POINT)
**************************
```

*** M02 ***

*** M02 ***

ON SITE INCINERATION					
AREA SOURCES	17	3	8	10	23
POINT SOURCES	47	39	25	18	23
OPEN BURNING					
AREA SOURCES	12	0	2	22	50
TOTAL (COMM-INST)					
AREA SOURCES	29	3	10	32	73
POINT SOURCES	47	39	25	18	23
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	21	1	1	21	27
POINT SOURCES	1192	76	250	235	7629
OPEN BURNING					
AREA SOURCES	48	0	14	76	280
POINT SOURCES	18	0	1	6	60
TOTAL (INDUSTRIAL)					
AREA SOURCES	69	1	15	97	307
POINT SOURCES	1210	76	251	241	7689
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	5813	160	924	11507	35254
POINT SOURCES	1691	146	471	882	9512
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	44592	1749	42308	67246	581536
LIGHT DUTY TRUCKS	15830	911	20797	28009	216207
HEAVY DUTY VEHICLES	1993	176	5706	7449	101928
OFF HIGHWAY	205	106	2002	7212	77332
TOTAL (GASOLINE)	62620	2942	70813	109916	977003
DIESEL					
HEAVY DUTY VEHICLES	9078	4024	39062	5378	15304
OFF HIGHWAY	1339	1120	13536	1988	4006
RAIL	1539	3501	22723	5769	7982
TOTAL (DIESEL)	11956	8645	75321	13135	27292
AIRCRAFT					
MILITARY	184	17	110	323	581
CIVIL	10	3	14	259	11875
COMMERCIAL	36	79	738	826	1843
TOTAL (AIRCRAFT)	230	99	862	1408	14299
VESSELS					
DIESEL FUEL	181	226	1693	444	594
RESIDUAL OIL	235	3093	509	36	18
GASOLINE	0	54	206	8250	25924
TOTAL (VESSELS)	416	3373	2408	8730	26536
TOTAL (TRANSPORTATION)	75222	15059	149404	133189	1045130
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	7824	69	1841	11041	64407
FOREST MANAGED BURNING	30184	224	6036	27161	169008

```
*** M04 ***                                                                                                   *** M04 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                             RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                      AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                     POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE:38 OREGON         AQCR:193 PORTLAND

                                  PARTICULATES         SOX            NOX            HC             CO
                                  ************    ************   ************   ************   ************
                                   TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                6             20              1              6             33
            DISTILLATE OIL               109           3161            790             45            221
            NATURAL GAS                   74              4            603             60            151
            WOOD                        2938             59            118            589          21141
            TOTAL (RESIDENTIAL)         3127           3244           1512            700          21546

        ELEC GENERATION (POINT)

            RESIDUAL OIL                   0             39              1              0              0
            DISTILLATE OIL                 2             43             45              1              2
            NATURAL GAS                    1              0             38              0              6
            TOTAL (ELEC GEN)               3             82             84              1              8

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES              25            114             44              1              1
            RESIDUAL OIL
                POINT SOURCES            345           7384           1898              9             70
            DISTILLATE OIL
                AREA SOURCES             103           2473           1202             64            172
            NATURAL GAS
                AREA SOURCES              52              1           9488           3699           1278
                POINT SOURCES            107             37           2776             63            177
            PROCESS GAS
                AREA SOURCES               0              1              1              0              0
            WOOD
                AREA SOURCES             283             52            356             77            106
                POINT SOURCES           7681             72          10793           2871           2312
            LIQUID PETROL GAS
                POINT SOURCES              0              0              8              0              0
            OTHER
                POINT SOURCES             27             39             55              2              2
            TOTAL (INDUSTRIAL)
                AREA SOURCES             463           2641          11091           3841           1557
                POINT SOURCES           8160           7532          15530           2945           2561

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               1              2              0              0              0
            RESIDUAL OIL
                AREA SOURCES             233           2592            814             13             69
```

```
*** M05 ***                                                                                    *** M05 ***
          RESIDUAL OIL
              AREA SOURCES            158          1173          553           9          47
              POINT SOURCES           629          8243         6271         104         522
          DISTILLATE OIL
              AREA SOURCES            128          1852         1415          64         321
              POINT SOURCES            52          2436          568          25         130
          NATURAL GAS
              AREA SOURCES            157            10         1874         125         312
              POINT SOURCES            46             3         2939           6          78
          OTHER
              POINT SOURCES             1             4            2           0           0
          TOTAL (COMM-INST)
              AREA SOURCES           1533          5644         4970         198         779
              POINT SOURCES          1720         11418        10005         159        1491

       TOTAL (EXTERNAL COMB)
              AREA SOURCES           4859         28472        33377        5079       10314
              POINT SOURCES         11556        122785        55829         958        4577

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL              160           548         2086         179         479
          NATURAL GAS                   3             0            1           1           1
          TOTAL (ELEC GEN)            163           548         2087         180         480

       INDUSTRIAL FUEL

          DISTILLATE OIL                1             2           10           1           2
          NATURAL GAS                   2             0           57           0           7
          TOTAL (INDUSTRIAL)            3             2           67           1           9

       TOTAL (INTERNAL COMB)          166           550         2154         181         489

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES           4859         28472        33377        5079       10314
              POINT SOURCES         11722        123335        57983        1139        5066

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING           1777         10747           30        8909           1
    FOOD/AGRICULTURAL                1465           208           78          13          15
    PRIMARY METAL                   22472         10942         4236        8628       79074
    SECONDARY METALS                  646           401           38          85         359
    MINERAL PRODUCTS                 4638          1386          599          83         173
    PETROLEUM INDUSTRY               1479         22025        10803       20007         744
    WOOD PRODUCTS                     146            63           71         349          11
    ORGANIC SOLVENT EVAPORATION        22            76           80       38295           8
    PETROLEUM STORAGE/TRANSPORT         1             0            4        7521           0
    METAL FABRICATION                 244             0            8           1           0
    TEXTILE MANUFACTURING              51             0            1          75           0
    OTHER/NOT CLASSIFIED              276            73           86        3714           7
    TOTAL (INDUSTRIAL)              33217         45921        16034       87680       80392

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION       3866           977         1076         584       13572
        TOTAL (GOVERNMENT)           3866           977         1076         584       13572

    RESIDENTIAL (AREA)
```

ANTHRACITE COAL					
AREA SOURCES	270	645	278	0	25
POINT SOURCES	409	447	175	0	51
BITUMINOUS COAL					
POINT SOURCES	2638	2440	731	47	95
RESIDUAL OIL					
AREA SOURCES	29	219	104	0	7
POINT SOURCES	34	531	87	1	7
DISTILLATE OIL					
AREA SOURCES	24	349	267	12	61
POINT SOURCES	3	25	21	1	4
NATURAL GAS					
AREA SOURCES	29	0	343	24	59
POINT SOURCES	69	4	837	21	117
WOOD					
POINT SOURCES	28	1	4	1	1
TOTAL (COMM-INST)					
AREA SOURCES	352	1213	992	36	152
POINT SOURCES	3181	3448	1855	71	275
TOTAL (EXTERNAL COMB)					
AREA SOURCES	3004	9012	8769	1856	17221
POINT SOURCES	71192	223367	58254	1173	3844
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	0	0	4	0	1
TOTAL (ELEC GEN)	0	0	4	0	1
INDUSTRIAL FUEL					
DISTILLATE OIL	0	0	6	0	2
TOTAL (INDUSTRIAL)	0	0	6	0	2
TOTAL (INTERNAL COMB)	0	0	10	0	3
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	3004	9012	8769	1856	17221
POINT SOURCES	71192	223367	58264	1173	3847
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	47	9	10	254	0
FOOD/AGRICULTURAL	89	0	0	0	0
PRIMARY METAL	7031	14686	1123	5368	82964
SECONDARY METALS	493	30	26	0	982
MINERAL PRODUCTS	4295	3125	1588	293	131
WOOD PRODUCTS	4019	215	44	828	295
ORGANIC SOLVENT EVAPORATION	37	0	1	1923	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	31	0
METAL FABRICATION	12	15	12	1	3
TEXTILE MANUFACTURING	22	0	0	893	0
OTHER/NOT CLASSIFIED	5	119	0	0	0
TOTAL (INDUSTRIAL)	16050	18199	2804	9591	84375
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	17	0	0	50	148
OPEN BURNING	2574	95	658	3473	11016

*** M07 ***
TRANSPORTATION (AREA)
****

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	18475	784	18026	26160	219452
LIGHT DUTY TRUCKS	3514	209	4214	5860	43512
HEAVY DUTY VEHICLES	47	7	209	171	2492
OFF HIGHWAY	2	1	18	64	683
TOTAL (GASOLINE)	22038	1001	22467	32255	266139
DIESEL					
HEAVY DUTY VEHICLES	1506	680	6066	821	2440
OFF HIGHWAY	13	11	129	19	38
RAIL	2	4	28	7	10
TOTAL (DIESEL)	1521	695	6223	847	2488
AIRCRAFT					
MILITARY	395	37	237	702	1266
CIVIL	0	0	0	13	628
COMMERCIAL	83	184	1710	1915	4268
TOTAL (AIRCRAFT)	478	221	1947	2630	6162
VESSELS					
RESIDUAL OIL	315	4140	679	47	21
GASOLINE	0	0	1	57	178
TOTAL (VESSELS)	315	4140	680	104	199
TOTAL (TRANSPORTATION)	24352	6057	31317	35836	274988

MISCELLANEOUS (AREA)
****

FOREST MANAGED BURNING	20164	151	4034	18147	112916
AGRICULTURAL BURNING	4507	0	631	5327	29626
STRUCTURAL FIRES	774	0	99	580	3158
GASOLINE STA EVAP LOSS	0	0	0	4089	0
SOLVENT EVAPORATION LOSS	0	0	0	4433	0
TOTAL (MISCELLANEOUS)	25445	151	4764	32576	145700

GRAND TOTAL
****

AREA SOURCES	50449	17954	39596	68503	421187
POINT SOURCES	60526	314493	129506	21841	107178
TOTAL	110975	332447	169102	90344	528365

```
*** M08 ***
                 POINT SOURCES             60          796          151            2           12
             DISTILLATE OIL
                 AREA SOURCES              24          368          284           11           63
                 POINT SOURCES             10          218          117            5           27
             NATURAL GAS
                 AREA SOURCES              86            3         1028           69          171
                 POINT SOURCES              3            0           67            2            7
             TOTAL (COMM-INST)
                 AREA SOURCES             144         1111         1446           80          242
                 POINT SOURCES           1611         2788          840           43          113

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES            5098         3087        10101         2638        33962
                 POINT SOURCES          40864       277843       139872         3226         7603

      INTERNAL COMBUSTION (POINT)

         INDUSTRIAL FUEL

             DISTILLATE OIL                19           17          262           21           57
             TOTAL (INDUSTRIAL)            19           17          262           21           57

         TOTAL (INTERNAL COMB)             19           17          262           21           57

      TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            5098         3087        10101         2638        33962
                 POINT SOURCES          40883       277860       140134         3247         7660

   INDUSTRIAL PROCESS (POINT)
   **************************

      CHEMICAL MANUFACTURING              507         1694          240        16599         5822
      FOOD/AGRICULTURAL                   337            0            0           66            0
      PRIMARY METAL                       245            0            0            0         3330
      SECONDARY METALS                   1411          163          202            0          831
      MINERAL PRODUCTS                  70820         9084         2703          190          248
      WOOD PRODUCTS                      3058         3212         1220          732        25003
      ORGANIC SOLVENT EVAPORATION           0            0            0       189361            0
      PETROLEUM STORAGE/TRANSPORT           0            0            0         9614            0
      METAL FABRICATION                    17            0            0            0            0
      TEXTILE MANUFACTURING                 3            0            0        13965            0
      OTHER/NOT CLASSIFIED                 43         1570         1114           15          136
      TOTAL (INDUSTRIAL)                76441        15723         5479       230542        35370

   SOLID WASTE DISPOSAL
   ********************

      GOVERNMENT (POINT)

          MUNICIPAL INCINERATION            7            0            0            6            8
          OTHER INCINERATION               72            2           12            2            0
          TOTAL (GOVERNMENT)               79            2           12            8            8

      RESIDENTIAL (AREA)

          ON SITE INCINERATION           1792           25           57         5042        15127
          OPEN BURNING                   6361          235         1627         8576        27206
          TOTAL (RESIDENTIAL)            8153          260         1684        13618        42333

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                 POINT SOURCES              1            0            0            1            5
          OPEN BURNING
                 AREA SOURCES              78            1           22          155          389
```

```
*** M10 ***                                                                                          *** M10 ***
          OFF HIGHWAY                     220        184       2223        326        658
          RAIL                             36         80        518        132        182
          TOTAL (DIESEL)                  988        669       6496        857       2017

     AIRCRAFT

        MILITARY                           20          2         12         35         63
        CIVIL                               0          0          0         11        488
        COMMERCIAL                          3          6         59         67        148
        TOTAL (AIRCRAFT)                   23          8         71        113        699

     VESSELS

        GASOLINE                            0          0          2        100        314
        TOTAL (VESSELS)                     0          0          2        100        314

     TOTAL (TRANSPORTATION)              6141       1040      15300      11895      92803

MISCELLANEOUS (AREA)
*********************

     FOREST WILDFIRES                     692          6        163        979       5705
     FOREST MANAGED BURNING              1385         11        277       1248       7763
     STRUCTURAL FIRES                      76          0          9         55        305
     GASOLINE STA EVAP LOSS                 0          0          0       1682          0
     SOLVENT EVAPORATION LOSS               0          0          0      16036          0
     UNPAVED ROADS                      23369          0          0          0          0
     TOTAL (MISCELLANEOUS)              25522         17        449      20000      13773

GRAND TOTAL
***********

     AREA SOURCES                       33488       1441      17135      33902     117257

     POINT SOURCES                       7957      31237       9325       1104       8938

     TOTAL                              41445      32678      26460      35006     126195
```

```
                                                                                                          *** M11 ***
*** M11 ***
                 POINT SOURCES                 0             0            355            0            9
           TOTAL  (COMM-INST)
                 AREA SOURCES                 55           346            695           29           95
                 POINT SOURCES               230          1195            567           23           69

        TOTAL  (EXTERNAL COMB)
                 AREA SOURCES               1127          1974           2383          256         4523
                 POINT SOURCES              6384         34057          22865          545         1583

     INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

           DISTILLATE OIL                     11            44            190           13           36
           NATURAL GAS                         0             0              6            0            2
           TOTAL  (ELEC GEN)                  11            44            196           13           38

        TOTAL  (INTERNAL COMB)                11            44            196           13           38

     TOTAL  (FUEL COMBUSTION)

                 AREA SOURCES               1127          1974           2383          256         4523
                 POINT SOURCES              6395         34101          23061          558         1621

INDUSTRIAL PROCESS (POINT)
***************************

     FOOD/AGRICULTURAL                      4868             0              0            0            0
     PRIMARY METAL                          3692             0              0            0            0
     MINERAL PRODUCTS                      20317          3852            986            6            0
     PETROLEUM STORAGE/TRANSPORT               0             0              0         4550            0
     TOTAL  (INDUSTRIAL)                   28877          3852            986         4556            0

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

        OPEN BURNING                          73             5             27          136          387
        TOTAL  (GOVERNMENT)                   73             5             27          136          387

     RESIDENTIAL (AREA)

        ON SITE INCINERATION                 766             4             13         2163         6486
        OPEN BURNING                        1740            64            444         2334         7423
        TOTAL  (RESIDENTIAL)                2506            68            457         4497        13909

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES                 38             8             18           23           80
        TOTAL  (COMM-INST)
                 AREA SOURCES                 38             8             18           23           80

     INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES                 47             7              7           43           60
                 POINT SOURCES               692            10            105         1155        13648
        OPEN BURNING
                 POINT SOURCES                 0             0              0            0            1
        TOTAL  (INDUSTRIAL)
                 AREA SOURCES                 47             7              7           43           60
                 POINT SOURCES               692            10            105         1155        13649

     TOTAL  (SOLID WASTE DISP)
```

```
*** M12 ***                                                                                    *** M12 ***
                AREA SOURCES               706         1356          1367          144          3028
                POINT SOURCES             2786        27678         19619          373          1207

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                     11           44           190           13            36
         NATURAL GAS                         0            0             6            0             2
         TOTAL (ELEC GEN)                   11           44           196           13            38

      TOTAL (INTERNAL COMB)                 11           44           196           13            38

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES               706         1356          1367          144          3028
                POINT SOURCES             2797        27722         19815          386          1245

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                      4205            0             0            0             0
   PRIMARY METAL                          3692            0             0            0             0
   MINERAL PRODUCTS                       7810           27            11            6             0
   PETROLEUM STORAGE/TRANSPORT               0            0             0         2467             0
   TOTAL (INDUSTRIAL)                    15707           27            11         2473             0

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OPEN BURNING                          44            3            16           82           233
      TOTAL (GOVERNMENT)                    44            3            16           82           233

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 482            1             6         1359          4075
      OPEN BURNING                        1300           48           332         1742          5541
      TOTAL (RESIDENTIAL)                 1782           49           338         3101          9616

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES                16            3             7           10            46
      TOTAL (COMM-INST)
                AREA SOURCES                16            3             7           10            46

   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES                34            5             5           31            43
      OPEN BURNING
                POINT SOURCES                0            0             0            0             1
      TOTAL (INDUSTRIAL)
                AREA SOURCES                34            5             5           31            43
                POINT SOURCES                0            0             0            0             1

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES              1832           57           350         3142          9705
                POINT SOURCES               44            3            16           82           234

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES
```

*** M13 ***

*** M13 ***

```
*** M14 ***                                                                                                *** M14 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        *******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        ********************************

                                                                            RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:44 TENNESSEE       AQCR:209 WESTERN TENNESSEE

                              PARTICULATES         SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 0             13              8              0              0
         NATURAL GAS                   46              0            358             36             90
         WOOD                         602             14             23            122           4320
         TOTAL (RESIDENTIAL)          648             27            389            158           4410

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              39            278             32              6             63
         RESIDUAL OIL
            POINT SOURCES             188           4211            536             20             81
         DISTILLATE OIL
            POINT SOURCES              10             78             46              3             13
         NATURAL GAS
            AREA SOURCES                5              0            553            185             76
            POINT SOURCES              37             44            603             56            131
         WOOD
            POINT SOURCES            3213           1614            411            335            363
         LIQUID PETROL GAS
            POINT SOURCES               0              0              1              0              0
         OTHER
            POINT SOURCES               0              0              2              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                5              0            553            185             76
            POINT SOURCES            3487           6225           1631            420            651

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               21             50             24              0              0
         BITUMINOUS COAL
            POINT SOURCES              18            215             40              3              9
         RESIDUAL OIL
            AREA SOURCES                0             10              0              0              0
         DISTILLATE OIL
            POINT SOURCES               0              4              0              0              0
         NATURAL GAS
            AREA SOURCES                9              0            141              8             24
            POINT SOURCES               1              3             42              0              4
         WOOD
            POINT SOURCES              19              2             17             59             51
         TOTAL (COMM-INST)
```

```
*** M15 ***                                                                                        *** M15 ***
              TOTAL (COMM-INST)
                 AREA SOURCES               54          354          571           33           95

           TOTAL (EXTERNAL COMB)
                 AREA SOURCES             1205        10659        43379        15790         5827
                 POINT SOURCES           16334        10287        78438         2847         1513

        INTERNAL COMBUSTION (POINT)

           INDUSTRIAL FUEL

              DISTILLATE OIL                41          599          155            2           13
              NATURAL GAS                   39            3        17677          171         1570
              GASOLINE                       0            0            3            6          263
              DIESEL FUEL                    3            3           36            2            9
              TOTAL (INDUSTRIAL)            83          605        17871          181         1855

           TOTAL (INTERNAL COMB)            83          605        17871          181         1855

        TOTAL (FUEL COMBUSTION)

                 AREA SOURCES             1205        10659        43379        15790         5827
                 POINT SOURCES           16417        10892        96309         3028         3368

     INDUSTRIAL PROCESS (POINT)
     **************************

        CHEMICAL MANUFACTURING            1726        17037         3326       137677       112821
        FOOD/AGRICULTURAL                 1856            0            0            0            0
        PRIMARY METAL                        6          140          219            3           14
        SECONDARY METALS                   323            0            8            0         2907
        MINERAL PRODUCTS                  1355         1203           79            1            1
        PETROLEUM INDUSTRY                8948        64309        20004        61737        94171
        WOOD PRODUCTS                    24816         1851          309          352        17982
        ORGANIC SOLVENT EVAPORATION          3            0            0        13773            0
        PETROLEUM STORAGE/TRANSPORT         20            0            0       108658            0
        METAL FABRICATION                  664            0            0            0            0
        OTHER/NOT CLASSIFIED                 1           13            8          545            0
        TOTAL (INDUSTRIAL)               39718        84553        23953       322746       227896

     SOLID WASTE DISPOSAL
     ********************

        GOVERNMENT (POINT)

           MUNICIPAL INCINERATION            1            0            0            1            2
           TOTAL (GOVERNMENT)                1            0            0            1            2

        RESIDENTIAL (AREA)

           ON SITE INCINERATION            171            1            3          484         1451
           OPEN BURNING                    529           20          137          718         2274
           TOTAL (RESIDENTIAL)             700           21          140         1202         3725

        COMMERCIAL-INSTITUTIONAL

           ON SITE INCINERATION
                 AREA SOURCES               36            9           17           22           51
                 POINT SOURCES              17            0            2           26          309
           OPEN BURNING
                 AREA SOURCES                1            0            0            2            4
           TOTAL (COMM-INST)
                 AREA SOURCES               37            9           17           24           55
                 POINT SOURCES              17            0            2           26          309

        INDUSTRIAL
```

TOTAL	624721	98704	200411	207748	1204156

```
*** M17 ***                                                                                              *** M17 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

                                                                               RUN DATE:  TUESDAY   JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
***************************                                         POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981
STATE:45 TEXAS        AQCR:215 METROPOLITAN DALLAS-FORT WORTH

                              PARTICULATES         SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  3               74               30                1                5
         NATURAL GAS                   424               23             3393              341              851
         TOTAL (RESIDENTIAL)           427               97             3423              342              856

      ELEC GENERATION (POINT)

         RESIDUAL OIL                   72              666              698                8               17
         DISTILLATE OIL                 39              416              363               11               31
         NATURAL GAS                  1033               59            45325               98              634
         TOTAL (ELEC GEN)             1144             1141            46386              117              682

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              2858            17395             6105              185              395
         RESIDUAL OIL
            AREA SOURCES              2739            47577             9451              159              788
            POINT SOURCES                9               62               30                0                0
         DISTILLATE OIL
            AREA SOURCES               113             1622             1314               70              188
            POINT SOURCES               26              427               97                0                1
         NATURAL GAS
            AREA SOURCES               992               61           216916            85861            29400
            POINT SOURCES              176                7             4707               28               65
         WOOD
            POINT SOURCES               43                6               43                9                9
         OTHER
            POINT SOURCES                1                0                0                0                0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              6702            66655           233786            86275            30771
            POINT SOURCES              255              502             4877               37               75

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               101             1776              352                5               28
         DISTILLATE OIL
            AREA SOURCES                49             1116              568               23              128
         NATURAL GAS
            AREA SOURCES               316               17             3791              253              632
            POINT SOURCES                9                0               67                2                8
         TOTAL (COMM-INST)
            AREA SOURCES               466             2909             4711              281              788
```

```
                 AREA SOURCES                390          2631         14779          5287          2043
                 POINT SOURCES               751          7847         19341            82           173

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     0             0           437             0             0
            DIESEL                             0             0           437             0             0
            TOTAL (ELEC GEN)                   0             0           874             0             0

        INDUSTRIAL FUEL

            DISTILLATE OIL                     8             8           122             2            27
            NATURAL GAS                      325            19         96315           223         12916
            DIESEL FUEL                        5            10            93             2            19
            TOTAL (INDUSTRIAL)               338            37         96530           227         12962

        TOTAL (INTERNAL COMB)                338            37         97404           227         12962

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES                390          2631         14779          5287          2043
                 POINT SOURCES              1089          7884        116745           309         13135

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  1367        151942          4940          9660         75423
    FOOD/AGRICULTURAL                       1411             0             0             0             0
    SECONDARY METALS                         108             0             1             0            55
    MINERAL PRODUCTS                         814          2846           260             0             0
    PETROLEUM INDUSTRY                      1193         18229         15981         13807          3393
    ORGANIC SOLVENT EVAPORATION                0             0             0          1529             0
    PETROLEUM STORAGE/TRANSPORT                0             0             0         16969             0
    METAL FABRICATION                          2             0             0            32             0
    OTHER/NOT CLASSIFIED                      17         17193           529         40914             2
    TOTAL (INDUSTRIAL)                      4912        190210         21711         82911         78873

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION                11             2             2            10            15
        OTHER INCINERATION                    47             5            12            47           140
        TOTAL (GOVERNMENT)                    58             7            14            57           155

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 126             0             3           354          1062
        OPEN BURNING                         402            11            99           547          1731
        TOTAL (RESIDENTIAL)                  528            11           102           901          2793

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES                 21             5            10            14            35
        TOTAL (COMM-INST)
                 AREA SOURCES                 21             5            10            14            35

    INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES                 30             4             4            28            38
        OPEN BURNING
```

```
*** N01 ***                                                                                      *** N01 ***

    MINERAL PRODUCTS                       176          0          0          0          0
    WOOD PRODUCTS                          932       1427        102          0      25637
    TOTAL (INDUSTRIAL)                    1108       1427        102          0      25637

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 9          0          0         25         74
        OPEN BURNING                        85          3         22        115        363
        TOTAL (RESIDENTIAL)                 94          3         22        140        437

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES               16          0          0          0          0
        TOTAL (COMM-INST)
                POINT SOURCES               16          0          0          0          0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                94          3         22        140        437
                POINT SOURCES               16          0          0          0          0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            455         26        609        780       6193
            LIGHT DUTY TRUCKS               87          7        141        173       1214
            HEAVY DUTY VEHICLES             47          5        179        171       2446
            OFF HIGHWAY                      4          2         36        130       1399
            TOTAL (GASOLINE)               593         40        965       1254      11252

        DIESEL

            HEAVY DUTY VEHICLES            117         62        553         63        182
            OFF HIGHWAY                     28         24        286         42         85
            RAIL                             3          7         48         12         17
            TOTAL (DIESEL)                 148         93        887        117        284

    AIRCRAFT

        CIVIL                                0          0          0          2         85
        TOTAL (AIRCRAFT)                     0          0          0          2         85

    VESSELS

        GASOLINE                             0          1          4        181        569
        TOTAL (VESSELS)                      0          1          4        181        569

    TOTAL (TRANSPORTATION)                 741        134       1856       1554      12190

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       861          8        203       1216       7093
    FOREST MANAGED BURNING                 912          7        182        821       5109
    STRUCTURAL FIRES                         8          0          1          6         33
    GASOLINE STA EVAP LOSS                   0          0          0        161          0
    SOLVENT EVAPORATION LOSS                 0          0          0       1014          0
    UNPAVED ROADS                        18850          0          0          0          0
```

```
*** NO2 ***                                                                                         *** NO2 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

                                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:37 OKLAHOMA      AQCR:187 NORTHWESTERN OKLAHOMA

                                   PARTICULATES        SOX            NOX            HC             CO
                                   ************   ************   ************   ************   ************
                                    TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                   2             11              0              2              9
         NATURAL GAS                      23              0            180             20             46
         WOOD                             50              0              1             11            351
         TOTAL (RESIDENTIAL)              75             11            181             33            406

      ELEC GENERATION (POINT)

         NATURAL GAS                      74              5           5101              8            126
         TOTAL (ELEC GEN)                 74              5           5101              8            126

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  36            365             65              2              3
         RESIDUAL OIL
            POINT SOURCES                  0              0              1              0              0
         DISTILLATE OIL
            AREA SOURCES                   2             18             22              0              3
         NATURAL GAS
            AREA SOURCES                  52              3           8226           3136           1100
            POINT SOURCES                  0              0             27              0              3
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  90            386           8313           3138           1106
            POINT SOURCES                  0              0             28              0              3

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                   0             19              5              0              0
         NATURAL GAS
            AREA SOURCES                   6              0             78              3             12
         TOTAL (COMM-INST)
            AREA SOURCES                   6             19             83              3             12

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 171            416           8577           3174           1524
            POINT SOURCES                 74              5           5129              8            129

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS                       5              0           1357              0             60
```

```
*** N03 ***
    AGRICULTURAL BURNING                   3388          0          473       4004      22271
    STRUCTURAL FIRES                        599          0           69        448       2435
    GASOLINE STA EVAP LOSS                    0          0            0      13082          0
    SOLVENT EVAPORATION LOSS                  0          0            0      66281          0
    UNPAVED ROADS                       1638457          0            0          0          0
    UNPAVED AIRSTRIPS                       283          0            0          0          0
    TOTAL (MISCELLANEOUS)               1680735        293         8419     122017     258121

GRAND TOTAL
***********

    AREA SOURCES                        1770292      29800       177961     273264    1392470

    POINT SOURCES                         53023      25220        43471      32191      37559

    TOTAL                               1823315      55020       221432     305455    1430029
```

```
*** N04 ***                                                                                   *** N04 ***
            DISTILLATE OIL
                AREA SOURCES                44          1603          490          22          112
                POINT SOURCES                8            88           89           2            5
            NATURAL GAS
                AREA SOURCES                53             1          613          40          103
                POINT SOURCES                1             0           22           1            3
            WOOD
                AREA SOURCES                 6             1            6           1            1
            TOTAL (COMM-INST)
                AREA SOURCES               337          4199         1923          76          285
                POINT SOURCES                9            88          111           3            8

        TOTAL (EXTERNAL COMB)
                AREA SOURCES              3927         10084        14526        4617        23388
                POINT SOURCES             8172          7702        15725        2949         2577

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                   8             0           40           2            2
            NATURAL GAS                      9             3          199           0           80
            TOTAL (ELEC GEN)                17             3          239           2           82

        TOTAL (INTERNAL COMB)               17             3          239           2           82

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              3927         10084        14526        4617        23388
                POINT SOURCES             8189          7705        15964        2951         2659

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 196            25           31         834         8819
    FOOD/AGRICULTURAL                      406             0            0           4            0
    SECONDARY METALS                       925          3121           40         121          476
    MINERAL PRODUCTS                      2017           174           78          77            2
    PETROLEUM INDUSTRY                       1             0            0           1            0
    WOOD PRODUCTS                         6130          3238         2322        5461         6629
    ORGANIC SOLVENT EVAPORATION             13             0            0        3749            1
    PETROLEUM STORAGE/TRANSPORT              0             0            0        5970            0
    METAL FABRICATION                        6             0            0           2            0
    OTHER/NOT CLASSIFIED                  2744          1903         1077         402          110
    TOTAL (INDUSTRIAL)                   12438          8461         3548       16621        16037

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION              32             0           66          13           13
        TOTAL (GOVERNMENT)                  32             0           66          13           13

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              2506            40           78        7049        21149
        OPEN BURNING                      2361            88          603        3182        10097
        TOTAL (RESIDENTIAL)               4867           128          681       10231        31246

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                17             3            8          10           23
                POINT SOURCES               46            29           17          18           23
        OPEN BURNING
        ON SITE INCINERATION               318          5          9        894       2683
        OPEN BURNING                      1795         67        460       2422       7682
        TOTAL (RESIDENTIAL)               2113         72        469       3316      10365

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               128         41         61         74        177
                POINT SOURCES               23         10         17         12         33
        TOTAL (COMM-INST)
                AREA SOURCES               128         41         61         74        177
                POINT SOURCES               23         10         17         12         33

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               192         38         38        173        257
                POINT SOURCES               15         43         63         10        243
        TOTAL (INDUSTRIAL)
                AREA SOURCES               192         38         38        173        257
                POINT SOURCES               15         43         63         10        243

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              2433        151        568       3563      10799
                POINT SOURCES             3904       1030       1156        606      13848

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          64020       2079      49052      78821     734531
            LIGHT DUTY TRUCKS             6855        322       7224      10694      87078
            HEAVY DUTY VEHICLES           3139        230       7396      11485     155989
            OFF HIGHWAY                    202        107       1990       7167      76857
            TOTAL (GASOLINE)             74216       2738      65662     108167    1054455

        DIESEL

            HEAVY DUTY VEHICLES           7820       3156      30712       4576      13064
            OFF HIGHWAY                    485        407       4912        722       1453
            RAIL                           752       1713      11115       2824       3905
            TOTAL (DIESEL)                9057       5276      46739       8122      18422

    AIRCRAFT

        MILITARY                           232         22        140        412        742
        CIVIL                                4          1          5         76       3460
        COMMERCIAL                          69        150       1402       1569       3499
        TOTAL (AIRCRAFT)                   305        173       1547       2057       7701

    VESSELS

        DIESEL FUEL                        116        145       1076        282        376
        RESIDUAL OIL                       150       1980        326         23         11
        GASOLINE                             0          4         21        811       2547
        TOTAL (VESSELS)                    266       2129       1423       1116       2934

    TOTAL (TRANSPORTATION)               83844      10316     115371     119462    1083512

MISCELLANEOUS (AREA)
********************
```

TOTAL (RESIDENTIAL)	2591	95	658	3523	11164
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	6	1	3	3	9
POINT SOURCES	17	1	1	17	19
TOTAL (COMM-INST)					
AREA SOURCES	6	1	3	3	9
POINT SOURCES	17	1	1	17	19
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	6	1	1	5	7
POINT SOURCES	63	112	92	50	139
TOTAL (INDUSTRIAL)					
AREA SOURCES	6	1	1	5	7
POINT SOURCES	63	112	92	50	139
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2603	97	662	3531	11180
POINT SOURCES	80	113	93	67	158
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	14330	732	17565	22130	182729
LIGHT DUTY TRUCKS	4156	300	6850	7828	56904
HEAVY DUTY VEHICLES	942	98	3442	3611	49619
OFF HIGHWAY	92	49	917	3304	35439
TOTAL (GASOLINE)	19520	1179	28774	36873	324691
DIESEL					
HEAVY DUTY VEHICLES	2924	1484	14548	1712	4864
OFF HIGHWAY	531	445	5363	787	1588
RAIL	225	508	3285	835	1155
TOTAL (DIESEL)	3680	2437	23196	3334	7607
AIRCRAFT					
MILITARY	142	13	86	253	456
CIVIL	0	0	2	49	2187
COMMERCIAL	3	7	67	75	168
TOTAL (AIRCRAFT)	145	20	155	377	2811
VESSELS					
GASOLINE	0	5	25	996	3132
TOTAL (VESSELS)	0	5	25	996	3132
TOTAL (TRANSPORTATION)	23345	3641	52150	41580	338241
MISCELLANEOUS (AREA)					
*********************					
FOREST WILDFIRES	111	0	26	156	916
STRUCTURAL FIRES	294	0	35	220	1199
GASOLINE STA EVAP LOSS	0	0	0	5093	0
SOLVENT EVAPORATION LOSS	0	0	0	36584	0
UNPAVED ROADS	94389	0	0	0	0

```
                                                                                            *** N08 ***
*** N08 ***
        TOTAL (COMM-INST)
                AREA SOURCES               78            1           22          155          389
                POINT SOURCES               1            0            0            1            5

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES             924           48          159         1582        16736
        OPEN BURNING
                AREA SOURCES               77            2           21          122          460
        TOTAL (INDUSTRIAL)
                AREA SOURCES               77            2           21          122          460
                POINT SOURCES             924           48          159         1582        16736

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             8308          263         1727        13895        43182
                POINT SOURCES            1004           50          171         1591        16749

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         50768         2489        58785        78191       637933
            LIGHT DUTY TRUCKS            9648          679        15054        18225       130290
            HEAVY DUTY VEHICLES          2545          247         8129         9765       132089
            OFF HIGHWAY                   225          121         2214         7975        85527
            TOTAL (GASOLINE)            63186         3536        84182       114156       985839

        DIESEL

            HEAVY DUTY VEHICLES          8298         4029        37268         4529        13401
            OFF HIGHWAY                  1648         1378        16654         2450         4930
            RAIL                          351          797         5141         1308         1807
            TOTAL (DIESEL)              10297         6204        59063         8287        20138

    AIRCRAFT

        MILITARY                         1183          112          710         2104         3789
        CIVIL                               2            0            5          116         5368
        COMMERCIAL                         22           46          441          495         1102
        TOTAL (AIRCRAFT)                 1207          158         1156         2715        10259

    VESSELS

        DIESEL FUEL                       128          160         1193          314          418
        RESIDUAL OIL                       69          908          149           10            5
        GASOLINE                            0           82          306        12435        39064
        TOTAL (VESSELS)                   197         1150         1648        12759        39487

    TOTAL (TRANSPORTATION)              74887        11048       146049       137917      1055723

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     3417           28          803         4828        28157
    FOREST MANAGED BURNING              18266          139         3655        16445       102308
    STRUCTURAL FIRES                      743            0           88          550         3015
    GASOLINE STA EVAP LOSS                  0            0            0        15683            0
    SOLVENT EVAPORATION LOSS                0            0            0       111036            0
    UNPAVED ROADS                      190815            0            0            0            0
    UNPAVED AIRSTRIPS                       3            0            0            0            0
    TOTAL (MISCELLANEOUS)              213244          167         4546       148542       133480
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                    AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:42 SOUTH CAROLINA  AQCR:198 CAMDEN-SUMTER

                              PARTICULATES        SOX             NOX             HC              CO
                              ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                10             111              69               3              19
         NATURAL GAS                    5               0              31               2               8
         WOOD                         665              13              27             133            4788
         TOTAL (RESIDENTIAL)          680             124             127             138            4815

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             883            2708            1315              88             177
         RESIDUAL OIL
            POINT SOURCES             108            1426             261               4              21
         DISTILLATE OIL
            AREA SOURCES                1              11              13               0               1
            POINT SOURCES               2              55              21               1               5
         NATURAL GAS
            AREA SOURCES                4               0             181              44              22
            POINT SOURCES               6               0             163               2              11
         WOOD
            POINT SOURCES              87              22             148              30              30
         LIQUID PETROL GAS
            POINT SOURCES               0               0               1               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                5              11             194              44              23
            POINT SOURCES            1086            4211            1909             125             244

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                1              30               6               0               0
            POINT SOURCES               5              66              14               0               1
         DISTILLATE OIL
            AREA SOURCES                1              14              12               0               3
         NATURAL GAS
            AREA SOURCES                3               0              39               3               6
         TOTAL (COMM-INST)
            AREA SOURCES                5              44              57               3               9
            POINT SOURCES               5              66              14               0               1

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              690             179             378             185            4847
            POINT SOURCES            1091            4277            1923             125             245

   TOTAL (FUEL COMBUSTION)
```

```
          AREA SOURCES             2591          83         482        4563       14049
          POINT SOURCES             765          15         132        1291       14036

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES       8068         494       12537       16056      127669
         LIGHT DUTY TRUCKS         3311         299        6892        7597       54013
         HEAVY DUTY VEHICLES        809          98        3585        3469       47628
         OFF HIGHWAY                226         115        2186        7869       84379
         TOTAL (GASOLINE)         12414        1006       25200       34991      313689

      DIESEL

         HEAVY DUTY VEHICLES       2595        1313       13221        1576        4313
         OFF HIGHWAY               1618        1360       16386        2409        4848
         RAIL                       136         297        1938         492         680
         TOTAL (DIESEL)            4349        2970       31545        4477        9841

   AIRCRAFT

      MILITARY                      254          23         153         452         815
      CIVIL                           0           0           1          84        3859
      COMMERCIAL                      9          20         184         206         460
      TOTAL (AIRCRAFT)              263          43         338         742        5134

   VESSELS

      GASOLINE                        0           2          23        1065        3354
      TOTAL (VESSELS)                 0           2          23        1065        3354

   TOTAL (TRANSPORTATION)         17026        4021       57106       41275      332018

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES               22902         197        5389       32343      188628
   FOREST MANAGED BURNING           800           6         160         720        4477
   STRUCTURAL FIRES                 192           0          13         145         775
   GASOLINE STA EVAP LOSS             0           0           0        4122           0
   SOLVENT EVAPORATION LOSS           0           0           0       13396           0
   UNPAVED ROADS                 634310           0           0           0           0
   UNPAVED AIRSTRIPS                 42           0           0           0           0
   TOTAL (MISCELLANEOUS)         658246         203        5562       50726      193880

GRAND TOTAL
***********

   AREA SOURCES                  678990        6281       65533       96820      544470

   POINT SOURCES                  36037       37968       24179        6405       15657

   TOTAL                         715027       44249       89712      103225      560127
```

GASOLINE					
LIGHT DUTY VEHICLES	4447	302	7763	9378	71218
LIGHT DUTY TRUCKS	1939	192	4468	4539	30624
HEAVY DUTY VEHICLES	548	70	2606	2395	32713
OFF HIGHWAY	179	91	1728	6219	66685
TOTAL (GASOLINE)	7113	655	16565	22531	201240
DIESEL					
HEAVY DUTY VEHICLES	1078	605	6109	638	1760
OFF HIGHWAY	1270	1068	12850	1890	3803
RAIL	81	173	1143	290	401
TOTAL (DIESEL)	2429	1846	20102	2818	5964
AIRCRAFT					
CIVIL	0	0	0	57	2663
TOTAL (AIRCRAFT)	0	0	0	57	2663
VESSELS					
GASOLINE	0	2	23	1019	3207
TOTAL (VESSELS)	0	2	23	1019	3207
TOTAL (TRANSPORTATION)	9542	2503	36690	26425	213074
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	561	1	133	802	4650
STRUCTURAL FIRES	122	0	6	90	488
GASOLINE STA EVAP LOSS	0	0	0	2544	0
SOLVENT EVAPORATION LOSS	0	0	0	6977	0
UNPAVED ROADS	525661	0	0	0	0
UNPAVED AIRSTRIPS	5	0	0	0	0
TOTAL (MISCELLANEOUS)	526349	1	139	10413	5138
GRAND TOTAL ***********					
AREA SOURCES	538429	3917	38546	40124	230945
POINT SOURCES	18548	27752	19842	2941	1479
TOTAL	556977	31669	58388	43065	232424

```
*** N13 ***                                                                                                  *** N13 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                     RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:44 TENNESSEE      AQCR:055 CHATTANOOGA

                               PARTICULATES        SOX           NOX            HC            CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                  2             18             11              1              3
            NATURAL GAS                    10              1             80              8             20
            TOTAL (RESIDENTIAL)            12             19             91              9             23

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES             525           5564           1545             21             68
            RESIDUAL OIL
                POINT SOURCES             188           2403           1188             19             68
            DISTILLATE OIL
                POINT SOURCES               8              8            144              3              1
            NATURAL GAS
                AREA SOURCES               10              1            800            267            103
                POINT SOURCES              74            557           1348             10              9
            PROCESS GAS
                POINT SOURCES             332              7              7             71              1
            WOOD
                POINT SOURCES               7             18             59             12             12
            TOTAL (INDUSTRIAL)
                AREA SOURCES               10              1            800            267            103
                POINT SOURCES            1134           8557           4291            136            159

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES               24             59             25              0              2
                POINT SOURCES               3              1             13              0              1
            RESIDUAL OIL
                AREA SOURCES                1             15              3              0              0
            DISTILLATE OIL
                POINT SOURCES               0              2              1              0              0
            NATURAL GAS
                AREA SOURCES               14              1            169             11             28
            TOTAL (COMM-INST)
                AREA SOURCES               39             75            197             11             30
                POINT SOURCES               3              3             14              0              1

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               61             95           1088            287            156
                POINT SOURCES            1137           8560           4305            136            160
```

AREA SOURCES	30	60	165	8	24
POINT SOURCES	38	224	99	62	64
TOTAL (EXTERNAL COMB)					
AREA SOURCES	683	87	1107	351	4510
POINT SOURCES	3525	6449	1730	482	715
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
DISTILLATE OIL	0	0	623	18	106
NATURAL GAS	6	11	5024	1253	2328
TOTAL (INDUSTRIAL)	6	11	5647	1271	2434
TOTAL (INTERNAL COMB)	6	11	5647	1271	2434
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	683	87	1107	351	4510
POINT SOURCES	3531	6460	7377	1753	3149
INDUSTRIAL PROCESS (POINT) *****************************					
CHEMICAL MANUFACTURING	128	11	67	370	4
FOOD/AGRICULTURAL	2379	33	16	0	3
PRIMARY METAL	1	0	0	2	0
SECONDARY METALS	195	127	144	72	10
MINERAL PRODUCTS	1161	548	1029	12	58
WOOD PRODUCTS	1391	489	1320	0	21322
ORGANIC SOLVENT EVAPORATION	79	0	2	3466	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	105	0
METAL FABRICATION	15	0	3	11	0
TEXTILE MANUFACTURING	1	0	0	5	0
OTHER/NOT CLASSIFIED	36	88	8	5	1
TOTAL (INDUSTRIAL)	5386	1296	2589	4048	21398
SOLID WASTE DISPOSAL **********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	327	2	8	920	2761
OPEN BURNING	1467	53	376	1979	6280
TOTAL (RESIDENTIAL)	1794	55	384	2899	9041
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
POINT SOURCES	54	2	15	73	793
TOTAL (COMM-INST)					
POINT SOURCES	54	2	15	73	793
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	361	45	232	514	3692
OPEN BURNING					
AREA SOURCES	11	0	2	14	60
POINT SOURCES	19	2	7	35	101
TOTAL (INDUSTRIAL)					
AREA SOURCES	11	0	2	14	60
POINT SOURCES	380	47	239	549	3793
TOTAL (SOLID WASTE DISP)					

```
      ON SITE INCINERATION
              AREA SOURCES             31          5          5         29         39
              POINT SOURCES           580         58        198        648       6210
      OPEN BURNING
              AREA SOURCES              9          0          2         13         50
      TOTAL (INDUSTRIAL)
              AREA SOURCES             40          5          7         42         89
              POINT SOURCES           580         58        198        648       6210

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES            777         35        164       1268       3869
              POINT SOURCES           598         58        200        675       6521

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        12957        518      11593      16374     140996
         LIGHT DUTY TRUCKS           4652        281       5978       7523      55543
         HEAVY DUTY VEHICLES          857         78       2418       2982      40919
         OFF HIGHWAY                   59         33        577       2081      22313
         TOTAL (GASOLINE)           18525        910      20566      28960     259771

      DIESEL

         HEAVY DUTY VEHICLES         1893        878       7822        986       2973
         OFF HIGHWAY                  186        154       1880        276        558
         RAIL                         170        384       2490        634        877
         TOTAL (DIESEL)              2249       1416      12192       1896       4408

   AIRCRAFT

      MILITARY                          5          0          3          8         15
      CIVIL                             1          0          1         28       1229
      COMMERCIAL                        4          8         78         87        195
      TOTAL (AIRCRAFT)                 10          8         82        123       1439

   VESSELS

      DIESEL FUEL                     578        723       5399       1417       1890
      RESIDUAL OIL                    611       8051       1323         92         44
      GASOLINE                          0         15         57       2345       7360
      TOTAL (VESSELS)                1189       8789       6779       3854       9294

   TOTAL (TRANSPORTATION)           21973      11123      39619      34833     274912

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                 46351        410      10905      65436     381707
   FOREST MANAGED BURNING            1163          8        234       1045       6501
   STRUCTURAL FIRES                   160          0         17        121        655
   GASOLINE STA EVAP LOSS               0          0          0       3576          0
   SOLVENT EVAPORATION LOSS             0          0          0      17785          0
   UNPAVED ROADS                   141762          0          0          0          0
   UNPAVED AIRSTRIPS                   72          0          0          0          0
   TOTAL (MISCELLANEOUS)           189508        418      11156      87963     388863

GRAND TOTAL
***********

   AREA SOURCES                    213463      22235      94318     139854     673471
```

POINT SOURCES	9	0	67	2	8
TOTAL (EXTERNAL COMB)					
AREA SOURCES	7595	69661	241920	86898	32415
POINT SOURCES	1408	1643	51330	156	765
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	0	0	7	0	1
NATURAL GAS	0	0	6	0	1
TOTAL (ELEC GEN)	0	0	13	0	2
INDUSTRIAL FUEL					
NATURAL GAS	22	0	5271	723	933
GASOLINE	0	0	4	6	150
TOTAL (INDUSTRIAL)	22	0	5275	729	1083
ENGINE-TESTING					
TOTAL (ENG TESTNG)	28	31	42	119	152
TOTAL (INTERNAL COMB)	50	31	5330	848	1237
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	7595	69661	241920	86898	32415
POINT SOURCES	1458	1674	56660	1004	2002
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	913	5052	1463	3898	1009
FOOD/AGRICULTURAL	4228	0	0	0	0
PRIMARY METAL	86	320	41	2	1577
SECONDARY METALS	534	5870	3	0	1562
MINERAL PRODUCTS	92285	64102	3086	730	294
PETROLEUM INDUSTRY	382	1276	2663	1224	8388
WOOD PRODUCTS	133	0	0	0	0
ORGANIC SOLVENT EVAPORATION	185	1	2	59246	1
PETROLEUM STORAGE/TRANSPORT	18	0	0	14603	0
METAL FABRICATION	124	1	224	1093	554
OTHER/NOT CLASSIFIED	585	964	107	4018	1
TOTAL (INDUSTRIAL)	99473	77586	7589	84814	13386
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
OPEN BURNING	6	0	2	11	32
TOTAL (GOVERNMENT)	6	0	2	11	32
RESIDENTIAL (AREA)					
ON SITE INCINERATION	807	9	23	2270	6816
OPEN BURNING	2496	94	639	3370	10685
TOTAL (RESIDENTIAL)	3303	103	662	5640	17501
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	193	58	91	113	263
OPEN BURNING					

```
A01...STATE:36 OHIO                 AQCR:183
B01...STATE:36 OHIO                 AQCR:183
C01...STATE:36 OHIO                 AQCR:183
D01...STATE:36 OHIO                 AQCR:183
E01...STATE 37:OKLAHOMA
F01...STATE 37:OKLAHOMA
G01...STATE 37:OKLAHOMA
H01...STATE 37:OKLAHOMA
I01...STATE 37:OKLAHOMA
J01...STATE:37 OKLAHOMA             AQCR:017
K01...STATE:37 OKLAHOMA             AQCR:017
L01...STATE:37 OKLAHOMA             AQCR:017
M01...STATE:37 OKLAHOMA             AQCR:022
N01...STATE:37 OKLAHOMA             AQCR:022
O01...STATE:37 OKLAHOMA             AQCR:022
A02...STATE:37 OKLAHOMA             AQCR:022
B02...STATE:37 OKLAHOMA             AQCR:184
C02...STATE:37 OKLAHOMA             AQCR:184
D02...STATE:37 OKLAHOMA             AQCR:184
E02...STATE:37 OKLAHOMA             AQCR:184
F02...STATE:37 OKLAHOMA             AQCR:185
G02...STATE:37 OKLAHOMA             AQCR:185
H02...STATE:37 OKLAHOMA             AQCR:185
I02...STATE:37 OKLAHOMA             AQCR:185
J02...STATE:37 OKLAHOMA             AQCR:186
K02...STATE:37 OKLAHOMA             AQCR:186
L02...STATE:37 OKLAHOMA             AQCR:186
M02...STATE:37 OKLAHOMA             AQCR:186
N02...STATE:37 OKLAHOMA             AQCR:187
O02...STATE:37 OKLAHOMA             AQCR:187
A03...STATE:37 OKLAHOMA             AQCR:187
B03...STATE:37 OKLAHOMA             AQCR:187
C03...STATE:37 OKLAHOMA             AQCR:188
D03...STATE:37 OKLAHOMA             AQCR:188
E03...STATE:37 OKLAHOMA             AQCR:188
F03...STATE:37 OKLAHOMA             AQCR:188
G03...STATE:37 OKLAHOMA             AQCR:189
H03...STATE:37 OKLAHOMA             AQCR:189
I03...STATE:37 OKLAHOMA             AQCR:189
J03...STATE:37 OKLAHOMA             AQCR:189
K03...STATE 38:OREGON
L03...STATE 38:OREGON
M03...STATE 38:OREGON
N03...STATE 38:OREGON
O03...STATE 38:OREGON

A04...STATE:38 OREGON               AQCR:190
B04...STATE:38 OREGON               AQCR:190
C04...STATE:38 OREGON               AQCR:190
D04...STATE:38 OREGON               AQCR:190
E04...STATE:38 OREGON               AQCR:191
F04...STATE:38 OREGON               AQCR:191
G04...STATE:38 OREGON               AQCR:191
H04...STATE:38 OREGON               AQCR:191
I04...STATE:38 OREGON               AQCR:192
J04...STATE:38 OREGON               AQCR:192
K04...STATE:38 OREGON               AQCR:192
L04...STATE:38 OREGON               AQCR:192
M04...STATE:38 OREGON               AQCR:193
N04...STATE:38 OREGON               AQCR:193
O04...STATE:38 OREGON               AQCR:193
A05...STATE:38 OREGON               AQCR:193
B05...STATE:38 OREGON               AQCR:193
C05...STATE:38 OREGON               AQCR:194
D05...STATE:38 OREGON               AQCR:194
E05...STATE:38 OREGON               AQCR:194
F05...STATE:38 OREGON               AQCR:194
G05...STATE 39:PENNSYLVANIA
H05...STATE 39:PENNSYLVANIA
I05...STATE 39:PENNSYLVANIA
J05...STATE 39:PENNSYLVANIA
K05...STATE 39:PENNSYLVANIA
L05...STATE:39 PENNSYLVANIA         AQCR:045
M05...STATE:39 PENNSYLVANIA         AQCR:045
N05...STATE:39 PENNSYLVANIA         AQCR:045
O05...STATE:39 PENNSYLVANIA         AQCR:045
A06...STATE:39 PENNSYLVANIA         AQCR:045
B06...STATE:39 PENNSYLVANIA         AQCR:151
C06...STATE:39 PENNSYLVANIA         AQCR:151
D06...STATE:39 PENNSYLVANIA         AQCR:151
E06...STATE:39 PENNSYLVANIA         AQCR:151
F06...STATE:39 PENNSYLVANIA         AQCR:151
G06...STATE:39 PENNSYLVANIA         AQCR:178
H06...STATE:39 PENNSYLVANIA         AQCR:178
I06...STATE:39 PENNSYLVANIA         AQCR:178
J06...STATE:39 PENNSYLVANIA         AQCR:178
K06...STATE:39 PENNSYLVANIA         AQCR:178
L06...STATE:39 PENNSYLVANIA         AQCR:195
M06...STATE:39 PENNSYLVANIA         AQCR:195
N06...STATE:39 PENNSYLVANIA         AQCR:195
O06...STATE:39 PENNSYLVANIA         AQCR:195

A07...STATE:39 PENNSYLVANIA         AQCR:195
B07...STATE:39 PENNSYLVANIA         AQCR:196
C07...STATE:39 PENNSYLVANIA         AQCR:196
D07...STATE:39 PENNSYLVANIA         AQCR:196
E07...STATE:39 PENNSYLVANIA         AQCR:196
F07...STATE:39 PENNSYLVANIA         AQCR:196
G07...STATE:39 PENNSYLVANIA         AQCR:197
H07...STATE:39 PENNSYLVANIA         AQCR:197
I07...STATE:39 PENNSYLVANIA         AQCR:197
J07...STATE:39 PENNSYLVANIA         AQCR:197
K07...STATE 40:PUERTO RICO
L07...STATE 40:PUERTO RICO
M07...STATE 40:PUERTO RICO
N07...STATE 40:PUERTO RICO
O07...STATE:40 PUERTO RICO          AQCR:244
A08...STATE:40 PUERTO RICO          AQCR:244
B08...STATE:40 PUERTO RICO          AQCR:244
C08...STATE:40 PUERTO RICO          AQCR:244
D08...STATE 41:RHODE ISLAND
E08...STATE 41:RHODE ISLAND
F08...STATE 41:RHODE ISLAND
G08...STATE 41:RHODE ISLAND
H08...STATE:41 RHODE ISLAND         AQCR:120
I08...STATE:41 RHODE ISLAND         AQCR:120
J08...STATE:41 RHODE ISLAND         AQCR:120
K08...STATE:41 RHODE ISLAND         AQCR:120
L08...STATE 42:SOUTH CAROLINA
M08...STATE 42:SOUTH CAROLINA
N08...STATE 42:SOUTH CAROLINA
O08...STATE 42:SOUTH CAROLINA
A09...STATE 42:SOUTH CAROLINA
B09...STATE:42 SOUTH CAROLINA       AQCR:053
C09...STATE:42 SOUTH CAROLINA       AQCR:053
D09...STATE:42 SOUTH CAROLINA       AQCR:053
E09...STATE:42 SOUTH CAROLINA       AQCR:053
F09...STATE:42 SOUTH CAROLINA       AQCR:058
G09...STATE:42 SOUTH CAROLINA       AQCR:058
H09...STATE:42 SOUTH CAROLINA       AQCR:058
I09...STATE:42 SOUTH CAROLINA       AQCR:058
J09...STATE:42 SOUTH CAROLINA       AQCR:167
K09...STATE:42 SOUTH CAROLINA       AQCR:167
L09...STATE:42 SOUTH CAROLINA       AQCR:167
M09...STATE:42 SOUTH CAROLINA       AQCR:167
N09...STATE:42 SOUTH CAROLINA       AQCR:198
O09...STATE:42 SOUTH CAROLINA       AQCR:198
```

```
                                                                                                              *** 001 ***
*** 001 ***
    TOTAL (MISCELLANEOUS)                     20631             15             386            3218            12235

GRAND TOTAL
***********

    AREA SOURCES                              21756            374            6151            6404            27094

    POINT SOURCES                              1380           6420            3183             199            25936

    TOTAL                                     23136           6794            9334            6603            53030
```

```
          TOTAL (INDUSTRIAL)                  5          0       1357          0         60

      TOTAL (INTERNAL COMB)                   5          0       1357          0         60

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES                171        416       8577       3174       1524
                POINT SOURCES                79          5       6486          8        189

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                         61          0          0          0          0
   MINERAL PRODUCTS                        2272          0          0          0          0
   PETROLEUM INDUSTRY                        27         14        306         39          0
   ORGANIC SOLVENT EVAPORATION                0          0          0        128          0
   TOTAL (INDUSTRIAL)                      2360         14        306        167          0

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                   37          0          0        104        317
      OPEN BURNING                          392         16        100        531       1678
      TOTAL (RESIDENTIAL)                   429         16        100        635       1995

   INDUSTRIAL

      ON SITE INCINERATION
                POINT SOURCES                 0         20         24         24         80
      TOTAL (INDUSTRIAL)
                POINT SOURCES                 0         20         24         24         80

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES                429         16        100        635       1995
                POINT SOURCES                 0         20         24         24         80

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES               2816        153       3611       4708      37792
         LIGHT DUTY TRUCKS                  537         40        833       1046       7413
         HEAVY DUTY VEHICLES                218         22        765        783      11132
         OFF HIGHWAY                         37         21        371       1344      14400
         TOTAL (GASOLINE)                  3608        236       5580       7881      70737

      DIESEL

         HEAVY DUTY VEHICLES                477        243       2161        256        749
         OFF HIGHWAY                        271        227       2737        403        812
         RAIL                                13         27        182         45         64
         TOTAL (DIESEL)                     761        497       5080        704       1625

   AIRCRAFT

      MILITARY                               60          6         36        107        193
      CIVIL                                   0          0          0         24       1069
      TOTAL (AIRCRAFT)                       60          6         36        131       1262

   VESSELS
```

AREA SOURCES	9	0	2	16	38
TOTAL (COMM-INST)					
AREA SOURCES	26	3	10	26	61
POINT SOURCES	46	29	17	18	23
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	11	1	1	11	16
POINT SOURCES	97	2	43	22	623
OPEN BURNING					
AREA SOURCES	39	0	12	64	230
TOTAL (INDUSTRIAL)					
AREA SOURCES	50	1	13	75	246
POINT SOURCES	97	2	43	22	623
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	4943	132	704	10332	31553
POINT SOURCES	175	31	126	53	659
TRANSPORTATION (AREA)					
********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	33476	1207	29138	47747	420986
LIGHT DUTY TRUCKS	10183	528	12059	17049	134266
HEAVY DUTY VEHICLES	1384	110	3591	5049	68425
OFF HIGHWAY	123	64	1210	4358	46735
TOTAL (GASOLINE)	45166	1909	45998	74203	670412
DIESEL					
HEAVY DUTY VEHICLES	6174	2577	25065	3623	10378
OFF HIGHWAY	799	670	8079	1186	2391
RAIL	1066	2426	15751	4000	5532
TOTAL (DIESEL)	8039	5673	48895	8809	18301
AIRCRAFT					
MILITARY	141	13	85	248	447
CIVIL	7	3	9	135	6164
COMMERCIAL	31	67	626	700	1563
TOTAL (AIRCRAFT)	179	83	720	1083	8174
VESSELS					
DIESEL FUEL	99	125	933	245	327
RESIDUAL OIL	160	2114	348	25	12
GASOLINE	0	12	46	1787	5618
TOTAL (VESSELS)	259	2251	1327	2057	5957
TOTAL (TRANSPORTATION)	53643	9916	96940	86152	702844
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	1271	11	298	1793	10462
FOREST MANAGED BURNING	12236	92	2448	11013	68521
AGRICULTURAL BURNING	3310	0	463	3912	21760
STRUCTURAL FIRES	421	0	49	317	1717
GASOLINE STA EVAP LOSS	0	0	0	8429	0
SOLVENT EVAPORATION LOSS	0	0	0	49978	0
UNPAVED ROADS	519032	0	0	0	0

```
*** 005 ***
    FOREST WILDFIRES                      23         0         5        33       192
    STRUCTURAL FIRES                    1106         2       130       827      4499
    GASOLINE STA EVAP LOSS                 0         0         0     12635         0
    SOLVENT EVAPORATION LOSS               0         0         0    127840         0
    UNPAVED ROADS                     133376         0         0         0         0
    TOTAL (MISCELLANEOUS)             134505         2       135    141335      4691

GRAND TOTAL
***********

    AREA SOURCES                      225641     38941    149451    269439   1109316

    POINT SOURCES                      48843    170286     75173     89425     99306

    TOTAL                             274484    209227    224624    358864   1208622
```

```
*** 006 ***
    UNPAVED AIRSTRIPS                        17          0          0          0          0
    TOTAL (MISCELLANEOUS)                 94811          0         61      42053       2115

GRAND TOTAL
***********

    AREA SOURCES                         123763      12750      61642      89020     368757

    POINT SOURCES                         87322     241679      61161      10831      88380

    TOTAL                                211085     254429     122803      99851     457137
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

                                                                               RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
****************************                                      POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:40 PUERTO RICO     AQCR:244 PUERTO RICO

                                     PARTICULATES         SOX             NOX             HC              CO
                                     ************    ************    ************    ************    ************
                                      TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                     6              13               2               1              50
            DISTILLATE OIL                     12             144              90               5              25
            NATURAL GAS                         3               0              24               2               6
            TOTAL (RESIDENTIAL)                21             157             116               8              81

        ELEC GENERATION (POINT)

            RESIDUAL OIL                    14731          184293           46041             482            2409
            DISTILLATE OIL                     46            1380             692              23             116
            TOTAL (ELEC GEN)                14777          185673           46733             505            2525

        INDUSTRIAL FUEL

            RESIDUAL OIL
                AREA SOURCES                  475           10800            1636              19             136
                POINT SOURCES                2336           31070            7925             180            2977
            DISTILLATE OIL
                AREA SOURCES                   42              23             510              20              68
                POINT SOURCES                 226           11916            2486             109             556
            NATURAL GAS
                AREA SOURCES                    4               0              65               1               6
                POINT SOURCES                 211              12            6346              52             338
            PROCESS GAS
                POINT SOURCES                   0              46               0               0               0
            BAGASSE
                POINT SOURCES                9074               0            1063            1070            1070
            TOTAL (INDUSTRIAL)
                AREA SOURCES                  521           10823            2211              40             210
                POINT SOURCES               11847           43044           17820            1411            4941

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                   32             750             113               2              10
                POINT SOURCES                 940           12597            2470              41             205
            DISTILLATE OIL
                AREA SOURCES                   31              15             449              11              96
                POINT SOURCES                   2             174              38               1               7
            NATURAL GAS
                AREA SOURCES                   47               1             626              30             102
            TOTAL (COMM-INST)
                AREA SOURCES                  110             766            1188              43             208
                POINT SOURCES                 942           12771            2508              42             212
```

```
*** 008 ***                                                                                               *** 008 ***
GRAND TOTAL
***********

   AREA SOURCES                      301537        14565       162423       302992      1266347

   POINT SOURCES                     118328       293633       145784       235380        59779

   TOTAL                             419865       308198       308207       538372      1326126
```

```
*** 009 ***                                                                                      *** 009 ***
                 AREA SOURCES           690          179          378          185          4847
                 POINT SOURCES         1091         4277         1923          125           245

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                96            0            0         2015             0
   SECONDARY METALS                       7            0            0            0           181
   MINERAL PRODUCTS                     219            1           14            1             3
   WOOD PRODUCTS                          9            0            0            0             0
   ORGANIC SOLVENT EVAPORATION            0            0            0          562             0
   TEXTILE MANUFACTURING                  0            0            0          888             0
   TOTAL (INDUSTRIAL)                   331            1           14         3466           184

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              110            1            4          309           925
      OPEN BURNING                      466           17          119          629          1991
      TOTAL (RESIDENTIAL)               576           18          123          938          2916

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                 POINT SOURCES            0            0            0            1             2
      OPEN BURNING
                 AREA SOURCES             6            0            1           12            29
      TOTAL (COMM-INST)
                 AREA SOURCES             6            0            1           12            29
                 POINT SOURCES            0            0            0            1             2

   INDUSTRIAL

      ON SITE INCINERATION
                 POINT SOURCES          110            8           25          182          2092
      OPEN BURNING
                 AREA SOURCES             3            0            1            5            20
      TOTAL (INDUSTRIAL)
                 AREA SOURCES             3            0            1            5            20
                 POINT SOURCES          110            8           25          182          2092

   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES           585           18          125          955          2965
                 POINT SOURCES          110            8           25          183          2094

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           2598          156         3703         4535         35102
         LIGHT DUTY TRUCKS              488           41          917         1018          6923
         HEAVY DUTY VEHICLES            115           13          470          453          6204
         OFF HIGHWAY                     15            8          150          540          5796
         TOTAL (GASOLINE)              3216          218         5240         6546         54025

      DIESEL

         HEAVY DUTY VEHICLES            417          229         2128          225           664
         OFF HIGHWAY                    110           92         1114          163           330
         RAIL                            19           45          288           73           101
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        **********************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:42 SOUTH CAROLINA  AQCR:202 GREENVILLE-SPARTANBURG

                              PARTICULATES          SOX             NOX              HC              CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  49             567             355              20              98
         NATURAL GAS                     28               0             228              22              58
         WOOD                           374               7              15              76            2682
         TOTAL (RESIDENTIAL)            451             574             598             118            2838

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               1060           16482            6052             101             336
         DISTILLATE OIL                   0               7               7               0               1
         TOTAL (ELEC GEN)              1060           16489            6059             101             337

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               496            1199             469              41             100
         RESIDUAL OIL
            POINT SOURCES               758           10313            1895              33             157
         DISTILLATE OIL
            AREA SOURCES                  4              38              47               2               6
            POINT SOURCES                18             240             195               9              44
         NATURAL GAS
            AREA SOURCES                 39               2            1555             374             183
            POINT SOURCES                32               2             762              13              66
         WOOD
            POINT SOURCES                16               4              24               4               4
         OTHER
            POINT SOURCES                12               0               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 43              40            1602             376             189
            POINT SOURCES              1332           11758            3345             100             371

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               143             259             131               9              17
         RESIDUAL OIL
            AREA SOURCES                 11             221              39               0               3
         DISTILLATE OIL
            AREA SOURCES                  8             108              84               4              21
            POINT SOURCES                 0               2               1               0               0
         NATURAL GAS
            AREA SOURCES                 25               1             297              21              50
            POINT SOURCES                 0               0              11               0               1
```

```
*** 013 ***
    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            61          95        1088         287         156
                POINT SOURCES         1137        8560        4305         136         160

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             516         154         694        6444           0
    FOOD/AGRICULTURAL                  915           0           0           0           0
    PRIMARY METAL                      143         438           4         365          60
    SECONDARY METALS                   928           0          39           0        3419
    MINERAL PRODUCTS                   862        6507        2452          16           7
    WOOD PRODUCTS                       50           0           0         475           0
    ORGANIC SOLVENT EVAPORATION         10           0           0        7467           0
    PETROLEUM STORAGE/TRANSPORT          6           0           0        2381           0
    METAL FABRICATION                   21           0           0          13           0
    TEXTILE MANUFACTURING               21           0           0           2           0
    OTHER/NOT CLASSIFIED                 7           0           0           3           0
    TOTAL (INDUSTRIAL)                3479        7099        3189       17166        3486

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           176           3           6         495        1485
        OPEN BURNING                   187           7          48         252         800
        TOTAL (RESIDENTIAL)            363          10          54         747        2285

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                POINT SOURCES            3           1          18          12          20
        TOTAL (COMM-INST)
                POINT SOURCES            3           1          18          12          20

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES            2           4          15          20          36
        OPEN BURNING
                AREA SOURCES             1           0           0           1           5
                POINT SOURCES            3           0           1           4          21
        TOTAL (INDUSTRIAL)
                AREA SOURCES             1           0           0           1           5
                POINT SOURCES            5           4          16          24          57

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           364          10          54         748        2290
                POINT SOURCES            8           5          34          36          77

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       6025         193        4474        7222       66657
            LIGHT DUTY TRUCKS         1096          48        1057        1600       13059
            HEAVY DUTY VEHICLES        347          25         789        1165       16214
            OFF HIGHWAY                 16           8         155         557        5973
            TOTAL (GASOLINE)          7484         274        6475       10544      101903

        DIESEL
```

```
*** 014 ***                                                                                          *** 014 ***
          AREA SOURCES                1805          55         386        2913        9101
          POINT SOURCES                434          49         254         622        4586

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          7081         398        9339       11413       91127
         LIGHT DUTY TRUCKS            2269         180        3964        4343       30303
         HEAVY DUTY VEHICLES           617          69        2386        2320       31899
         OFF HIGHWAY                    76          41         742        2671       28655
         TOTAL (GASOLINE)            10043         688       16431       20747      181984

      DIESEL

         HEAVY DUTY VEHICLES          1152         600        5521         605        1779
         OFF HIGHWAY                   539         449        5441         799        1614
         RAIL                          157         359        2326         590         816
         TOTAL (DIESEL)               1848        1408       13288        1994        4209

   AIRCRAFT

      CIVIL                              0           0           0          20         863
      TOTAL (AIRCRAFT)                   0           0           0          20         863

   VESSELS

      DIESEL FUEL                      487         610        4553        1195        1594
      GASOLINE                           0          13          54        2260        7097
      TOTAL (VESSELS)                  487         623        4607        3455        8691

   TOTAL (TRANSPORTATION)            12378        2719       34326       26216      195747

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    659           3         154         930        5425
   FOREST MANAGED BURNING              929           6         187         836        5205
   STRUCTURAL FIRES                    137           0          17         102         552
   GASOLINE STA EVAP LOSS                0           0           0        2765           0
   SOLVENT EVAPORATION LOSS              0           0           0       16286           0
   UNPAVED ROADS                     74404           0           0           0           0
   TOTAL (MISCELLANEOUS)             76129           9         358       20919       11182

GRAND TOTAL
***********

   AREA SOURCES                      90995        2870       36177       50399      220540

   POINT SOURCES                      9351        7805       10220        6423       29133

   TOTAL                            100346       10675       46397       56822      249673
```

POINT SOURCES	56733	95503	120462	326449	237785
TOTAL	270196	117738	214780	466303	911256

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

STATE/AQCR EMISSIONS REPORT

STATE:45 TEXAS AQCR:212 AUSTIN-WACO

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	2	72	27	0	5
NATURAL GAS	160	6	1251	127	311
TOTAL (RESIDENTIAL)	162	78	1278	127	316
ELEC GENERATION (POINT)					
BITUMINOUS COAL	8004	6619	8474	141	471
LIGNITE	3778	90299	23879	677	2283
RESIDUAL OIL	19	129	415	6	10
DISTILLATE OIL	38	234	122	9	15
NATURAL GAS	1142	43	27930	71	417
TOTAL (ELEC GEN)	12981	97324	60820	904	3196
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	570	3472	1220	35	80
LIGNITE					
POINT SOURCES	16200	43800	8589	202	672
RESIDUAL OIL					
AREA SOURCES	435	7139	1498	24	126
POINT SOURCES	1	16	21	0	1
DISTILLATE OIL					
AREA SOURCES	24	354	287	12	39
POINT SOURCES	0	3	2	0	0
NATURAL GAS					
AREA SOURCES	133	5	28641	11338	3880
POINT SOURCES	21	0	301	3	5
LIQUID PETROL GAS					
POINT SOURCES	0	0	2	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	1162	10970	31646	11409	4125
POINT SOURCES	16222	43819	8915	205	678
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	23	485	104	1	7
DISTILLATE OIL					
AREA SOURCES	10	314	158	5	32
NATURAL GAS					
AREA SOURCES	86	4	1052	69	178
POINT SOURCES	12	1	143	8	4

```
                 AREA SOURCES              5          0          2          9         26
     TOTAL (COMM-INST)
                 AREA SOURCES            198         58         93        122        289

   INDUSTRIAL

     ON SITE INCINERATION
                 AREA SOURCES            172         35         35        154        230
                 POINT SOURCES            87         24         26         58        121
     OPEN BURNING
                 AREA SOURCES             58          2         17         94        344
     TOTAL (INDUSTRIAL)
                 AREA SOURCES            230         37         52        248        574
                 POINT SOURCES            87         24         26         58        121

   TOTAL (SOLID WASTE DISP)
                 AREA SOURCES           3731        198        807       6010      18364
                 POINT SOURCES            93         24         28         69        153

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

         LIGHT DUTY VEHICLES           77379       2330      51951      86289     795128
         LIGHT DUTY TRUCKS             17743        788      16645      24842     198369
         HEAVY DUTY VEHICLES            4462        301       8853      14878     203837
         OFF HIGHWAY                     227        118       2238       8051      86318
         TOTAL (GASOLINE)              99811       3537      79687     134060    1283652

     DIESEL

         HEAVY DUTY VEHICLES           13725       5103      46024       7320      22091
         OFF HIGHWAY                     463        389       4687        689       1388
         RAIL                            842       1919      12455       3164       4379
         TOTAL (DIESEL)                15030       7411      63166      11173      27858

   AIRCRAFT

      MILITARY                           519         49        313        924       1664
      CIVIL                                7          2         10        196       9009
      COMMERCIAL                         126        274       2557       2860       6378
      TOTAL (AIRCRAFT)                   652        325       2880       3980      17051

   VESSELS

      GASOLINE                             0         13         51       2066       6482
      TOTAL (VESSELS)                      0         13         51       2066       6482

   TOTAL (TRANSPORTATION)             115493      11286     145784     151279    1335043

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                      756          2         91        563       3068
   GASOLINE STA EVAP LOSS                  0          0          0      19288          0
   SOLVENT EVAPORATION LOSS                0          0          0     128000          0
   UNPAVED ROADS                      636883          0          0          0          0
   UNPAVED AIRSTRIPS                      45          0          0          0          0
   TOTAL (MISCELLANEOUS)              637684          2         91     147851       3068

GRAND TOTAL
***********
```

```
A10...STATE:42 SOUTH CAROLINA   AQCR:198
B10...STATE:42 SOUTH CAROLINA   AQCR:198
C10...STATE:42 SOUTH CAROLINA   AQCR:199
D10...STATE:42 SOUTH CAROLINA   AQCR:199
E10...STATE:42 SOUTH CAROLINA   AQCR:199
F10...STATE:42 SOUTH CAROLINA   AQCR:199
G10...STATE:42 SOUTH CAROLINA   AQCR:200
H10...STATE:42 SOUTH CAROLINA   AQCR:200
I10...STATE:42 SOUTH CAROLINA   AQCR:200
J10...STATE:42 SOUTH CAROLINA   AQCR:200
K10...STATE:42 SOUTH CAROLINA   AQCR:201
L10...STATE:42 SOUTH CAROLINA   AQCR:201
M10...STATE:42 SOUTH CAROLINA   AQCR:201
N10...STATE:42 SOUTH CAROLINA   AQCR:201
O10...STATE:42 SOUTH CAROLINA   AQCR:202
A11...STATE:42 SOUTH CAROLINA   AQCR:202
B11...STATE:42 SOUTH CAROLINA   AQCR:202
C11...STATE:42 SOUTH CAROLINA   AQCR:202
D11...STATE:42 SOUTH CAROLINA   AQCR:203
E11...STATE:42 SOUTH CAROLINA   AQCR:203
F11...STATE:42 SOUTH CAROLINA   AQCR:203
G11...STATE:42 SOUTH CAROLINA   AQCR:203
H11...STATE:42 SOUTH CAROLINA   AQCR:204
I11...STATE:42 SOUTH CAROLINA   AQCR:204
J11...STATE:42 SOUTH CAROLINA   AQCR:204
K11...STATE:42 SOUTH CAROLINA   AQCR:204
L11...STATE 43:SOUTH DAKOTA
M11...STATE 43:SOUTH DAKOTA
N11...STATE 43:SOUTH DAKOTA
O11...STATE 43:SOUTH DAKOTA
A12...STATE:43 SOUTH DAKOTA     AQCR:086
B12...STATE:43 SOUTH DAKOTA     AQCR:086
C12...STATE:43 SOUTH DAKOTA     AQCR:086
D12...STATE:43 SOUTH DAKOTA     AQCR:087
E12...STATE:43 SOUTH DAKOTA     AQCR:087
F12...STATE:43 SOUTH DAKOTA     AQCR:087
G12...STATE:43 SOUTH DAKOTA     AQCR:087
H12...STATE:43 SOUTH DAKOTA     AQCR:205
I12...STATE:43 SOUTH DAKOTA     AQCR:205
J12...STATE:43 SOUTH DAKOTA     AQCR:205
K12...STATE:43 SOUTH DAKOTA     AQCR:205
L12...STATE:43 SOUTH DAKOTA     AQCR:206
M12...STATE:43 SOUTH DAKOTA     AQCR:206
N12...STATE:43 SOUTH DAKOTA     AQCR:206
O12...STATE:43 SOUTH DAKOTA     AQCR:206

A13...STATE 44:TENNESSEE
B13...STATE 44:TENNESSEE
C13...STATE 44:TENNESSEE
D13...STATE 44:TENNESSEE
E13...STATE 44:TENNESSEE
F13...STATE:44 TENNESSEE        AQCR:007
G13...STATE:44 TENNESSEE        AQCR:007
H13...STATE:44 TENNESSEE        AQCR:007
I13...STATE:44 TENNESSEE        AQCR:007
J13...STATE:44 TENNESSEE        AQCR:018
K13...STATE:44 TENNESSEE        AQCR:018
L13...STATE:44 TENNESSEE        AQCR:018
M13...STATE:44 TENNESSEE        AQCR:018
N13...STATE:44 TENNESSEE        AQCR:055
O13...STATE:44 TENNESSEE        AQCR:055
A14...STATE:44 TENNESSEE        AQCR:055
B14...STATE:44 TENNESSEE        AQCR:055
C14...STATE:44 TENNESSEE        AQCR:207
D14...STATE:44 TENNESSEE        AQCR:207
E14...STATE:44 TENNESSEE        AQCR:207
F14...STATE:44 TENNESSEE        AQCR:207
G14...STATE:44 TENNESSEE        AQCR:207
H14...STATE:44 TENNESSEE        AQCR:208
I14...STATE:44 TENNESSEE        AQCR:208
J14...STATE:44 TENNESSEE        AQCR:208
K14...STATE:44 TENNESSEE        AQCR:208
L14...STATE:44 TENNESSEE        AQCR:208
M14...STATE:44 TENNESSEE        AQCR:209
N14...STATE:44 TENNESSEE        AQCR:209
O14...STATE:44 TENNESSEE        AQCR:209
A15...STATE:44 TENNESSEE        AQCR:209
B15...STATE 45:TEXAS
C15...STATE 45:TEXAS
D15...STATE 45:TEXAS
E15...STATE 45:TEXAS
F15...STATE 45:TEXAS
G15...STATE:45 TEXAS            AQCR:022
H15...STATE:45 TEXAS            AQCR:022
I15...STATE:45 TEXAS            AQCR:022
J15...STATE:45 TEXAS            AQCR:022
K15...STATE:45 TEXAS            AQCR:022
L15...STATE:45 TEXAS            AQCR:106
M15...STATE:45 TEXAS            AQCR:106
N15...STATE:45 TEXAS            AQCR:106
O15...STATE:45 TEXAS            AQCR:106

A16...STATE:45 TEXAS            AQCR:106
B16...STATE:45 TEXAS            AQCR:153
C16...STATE:45 TEXAS            AQCR:153
D16...STATE:45 TEXAS            AQCR:153
E16...STATE:45 TEXAS            AQCR:153
F16...STATE:45 TEXAS            AQCR:210
G16...STATE:45 TEXAS            AQCR:210
H16...STATE:45 TEXAS            AQCR:210
I16...STATE:45 TEXAS            AQCR:210
J16...STATE:45 TEXAS            AQCR:211
K16...STATE:45 TEXAS            AQCR:211
L16...STATE:45 TEXAS            AQCR:211
M16...STATE:45 TEXAS            AQCR:211
N16...STATE:45 TEXAS            AQCR:211
O16...STATE:45 TEXAS            AQCR:212
A17...STATE:45 TEXAS            AQCR:212
B17...STATE:45 TEXAS            AQCR:212
C17...STATE:45 TEXAS            AQCR:212
D17...STATE:45 TEXAS            AQCR:212
E17...STATE:45 TEXAS            AQCR:213
F17...STATE:45 TEXAS            AQCR:213
G17...STATE:45 TEXAS            AQCR:213
H17...STATE:45 TEXAS            AQCR:213
I17...STATE:45 TEXAS            AQCR:214
J17...STATE:45 TEXAS            AQCR:214
K17...STATE:45 TEXAS            AQCR:214
L17...STATE:45 TEXAS            AQCR:214
M17...STATE:45 TEXAS            AQCR:215
N17...STATE:45 TEXAS            AQCR:215
O17...STATE:45 TEXAS            AQCR:215
A18...STATE:45 TEXAS            AQCR:215
B18...STATE:45 TEXAS            AQCR:215
C18...STATE:45 TEXAS            AQCR:216
D18...STATE:45 TEXAS            AQCR:216
E18...STATE:45 TEXAS            AQCR:216
F18...STATE:45 TEXAS            AQCR:216
G18...STATE:45 TEXAS            AQCR:216
H18...STATE:45 TEXAS            AQCR:217
I18...STATE:45 TEXAS            AQCR:217
J18...STATE:45 TEXAS            AQCR:217
K18...STATE:45 TEXAS            AQCR:217
L18...STATE:45 TEXAS            AQCR:218
M18...STATE:45 TEXAS            AQCR:218
```

AREA SOURCES	7	0	3	10	35
TOTAL (INDUSTRIAL)					
AREA SOURCES	37	4	7	38	73
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	586	20	119	953	2901
POINT SOURCES	58	7	14	57	155
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	8627	403	8961	11864	98098
LIGHT DUTY TRUCKS	3578	250	5297	6012	42722
HEAVY DUTY VEHICLES	896	80	2582	2996	41527
OFF HIGHWAY	45	22	462	1663	17847
TOTAL (GASOLINE)	13146	755	17302	22535	200194
DIESEL					
HEAVY DUTY VEHICLES	2200	1016	9125	1153	3472
OFF HIGHWAY	151	128	1540	228	454
RAIL	122	282	1825	461	642
TOTAL (DIESEL)	2473	1426	12490	1842	4568
AIRCRAFT					
MILITARY	72	7	43	128	232
CIVIL	2	0	3	59	2651
COMMERCIAL	6	14	129	144	322
TOTAL (AIRCRAFT)	80	21	175	331	3205
VESSELS					
RESIDUAL OIL	174	2288	376	26	13
GASOLINE	0	2	11	441	1381
TOTAL (VESSELS)	174	2290	387	467	1394
TOTAL (TRANSPORTATION)	15873	4492	30354	25175	209361
MISCELLANEOUS (AREA)					
**********************					
STRUCTURAL FIRES	118	0	10	89	479
GASOLINE STA EVAP LOSS	0	0	0	3741	0
SOLVENT EVAPORATION LOSS	0	0	0	10432	0
UNPAVED ROADS	519709	0	0	0	0
UNPAVED AIRSTRIPS	88	0	0	0	0
TOTAL (MISCELLANEOUS)	519915	0	10	14262	479
GRAND TOTAL					
***********					
AREA SOURCES	536764	7143	45262	45677	214784
POINT SOURCES	6059	198101	138470	83277	92163
TOTAL	542823	205244	183732	128954	306947

```
*** A02 ***                                                                                                     *** A02 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                            RUN DATE:   TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                      AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
***************************                                     POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981
STATE:46 UTAH          AQCR:220 WASACH FRONT

                                 PARTICULATES         SOX           NOX           HC            CO
                                 ************     ************  ************  ************  ************
                                  TONS / YR        TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                28              54             4            28           126
         DISTILLATE OIL                  1              29            11             0             3
         NATURAL GAS                   256              16          2048           204           513
         WOOD                           95               2             4            19           684
         TOTAL (RESIDENTIAL)           380             101          2067           251          1326

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             10342           15648         14224           246           806
         RESIDUAL OIL                    3             559           354             3            17
         DISTILLATE OIL                  0              27            18             1             3
         NATURAL GAS                     8               1          1762             2            43
         OTHER                         224             928             4             0          1191
         TOTAL (ELEC GEN)            10577           17163         16362           252          2060

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              4976            8657          4556           136           297
            POINT SOURCES             6334            3708          2626            53           156
         RESIDUAL OIL
            POINT SOURCES              335            2936           578            23            75
         DISTILLATE OIL
            AREA SOURCES                44             637           516            28            75
            POINT SOURCES                1              73            16             3             4
         NATURAL GAS
            AREA SOURCES               167               9         18988          6929          2515
            POINT SOURCES              264               4          3072            65           125
         PROCESS GAS
            POINT SOURCES                7            6444            15             0             2
         OTHER
            POINT SOURCES                1               0            12             0             1
         TOTAL (INDUSTRIAL)
            AREA SOURCES              5187            9303         24060          7093          2887
            POINT SOURCES             6942           13165          6319           144           363

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              715            1641           965           110           330
         RESIDUAL OIL
            AREA SOURCES                22             305            77             1             7
            POINT SOURCES               10              30             0             1             1
```

```
*** A03 ***                                                                                               *** A03 ***
            LIGHT DUTY TRUCKS                868          85        1998        1923       13108
            HEAVY DUTY VEHICLES              208          28        1034         897       12352
            OFF HIGHWAY                       27          14         260         939       10069
            TOTAL (GASOLINE)                3856         318        7881        8470       72390

        DIESEL

            HEAVY DUTY VEHICLES              542         308        3125         320         875
            OFF HIGHWAY                      162         136        1628         240         481
            RAIL                              35          80         513         130         182
            TOTAL (DIESEL)                   739         524        5266         690        1538

    AIRCRAFT

        CIVIL                                  0           0           0          16         760
        TOTAL (AIRCRAFT)                       0           0           0          16         760

    VESSELS

        GASOLINE                               0           1           6         193         605
        TOTAL (VESSELS)                        0           1           6         193         605

    TOTAL (TRANSPORTATION)                  4595         843       13153        9369       75293

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          11           0           3          15          90
    STRUCTURAL FIRES                          68           0           8          49         271
    GASOLINE STA EVAP LOSS                     0           0           0        1381           0
    SOLVENT EVAPORATION LOSS                   0           0           0        8349           0
    UNPAVED ROADS                          51654           0           0           0           0
    UNPAVED AIRSTRIPS                          7           0           0           0           0
    TOTAL (MISCELLANEOUS)                  51740           0          11        9794         361

GRAND TOTAL
***********

    AREA SOURCES                           58994        3307       14641       21018       91452

    POINT SOURCES                           1177        1950         510        1706          91

    TOTAL                                  60171        5257       15151       22724       91543
```

```
*** A04 ***                                                                                          *** A04 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       **********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                  AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:48 VIRGINIA      AQCR:222 CENTRAL VIRGINIA            POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                               PARTICULATES        SOX            NOX             HC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 95          1094            681             39            189
         NATURAL GAS                    12             1            107              9             25
         WOOD                         2662            52            106            533          19161
         TOTAL (RESIDENTIAL)          2769          1147            894            581          19375

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               467           812            427              7             24
         DISTILLATE OIL                  0             2              1              0              0
         NATURAL GAS                     0             0            181              0              4
         TOTAL (ELEC GEN)              467           814            609              7             28

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               362          1141            603             18             37
            POINT SOURCES             6625          7895           4350             97            261
         RESIDUAL OIL
            POINT SOURCES              553          6545           1133             19             95
         DISTILLATE OIL
            POINT SOURCES                8           159             84              4             20
         NATURAL GAS
            AREA SOURCES                18             0            925            263            113
            POINT SOURCES               19             0            218              5             19
         WOOD
            POINT SOURCES             2026           264           1754            350            350
         LIQUID PETROL GAS
            POINT SOURCES                0             3              9              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               380          1141           1528            281            150
            POINT SOURCES             9231         14866           7548            475            745

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                 2             6              2              0              0
         BITUMINOUS COAL
            POINT SOURCES               63           127             63              4              8
         RESIDUAL OIL
            POINT SOURCES               16           195             33              0              2
         DISTILLATE OIL
            AREA SOURCES                 4            84             68              2             15
```

```
*** A05 ***                                                                                                        *** A05 ***
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            1438          95          364         1922          5875
                POINT SOURCES            142         350          108           34           436

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES        13752         518        12261        18185        161530
            LIGHT DUTY TRUCKS           2695         149         3323         4394         33906
            HEAVY DUTY VEHICLES         1397         107         3463         4884         67418
            OFF HIGHWAY                   52          26          504         1816         19492
            TOTAL (GASOLINE)           17896         800        19551        29279        282346

        DIESEL

            HEAVY DUTY VEHICLES         2662        1089        10350         1508          4390
            OFF HIGHWAY                  765         641         7727         1135          2288
            RAIL                         192         436         2823          716           991
            TOTAL (DIESEL)              3619        2166        20900         3359          7669

    AIRCRAFT

        MILITARY                          83           8           50          148           266
        CIVIL                              0           0            1           16           849
        COMMERCIAL                        12          27          254          285           635
        TOTAL (AIRCRAFT)                  95          35          305          449          1750

    VESSELS

        DIESEL FUEL                       27          33          245           66            85
        GASOLINE                           0           6           29         1110          3486
        TOTAL (VESSELS)                   27          39          274         1176          3571

    TOTAL (TRANSPORTATION)             21637        3040        41030        34263        295336

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      95           0           23          134           786
    FOREST MANAGED BURNING               386           0           76          345          2146
    STRUCTURAL FIRES                     279           0           32          208          1134
    GASOLINE STA EVAP LOSS                 0           0            0         4621             0
    SOLVENT EVAPORATION LOSS               0           0            0        26483             0
    UNPAVED ROADS                       6958           0            0            0             0
    TOTAL (MISCELLANEOUS)               7718           0          131        31791          4066

GRAND TOTAL
***********

    AREA SOURCES                       33193        9568        47671        68829        311203

    POINT SOURCES                       8199       78386        43581        24285         26193

    TOTAL                              41392       87954        91252        93114        337396
```

```
*** AD6 ***                                                                                                    *** AD6 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

                                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                         POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981
STATE:49 WASHINGTON      AQCR:193 PORTLAND

                                  PARTICULATES        SOX            NOX             HC              CO
                                  ************    ************   ************   ************   ************
                                   TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  15              16              2             15             66
         DISTILLATE OIL                   13             231             96              5             27
         NATURAL GAS                      10               0             85              8             22
         WOOD                            698              13             28            140           5022
         TOTAL (RESIDENTIAL)             736             260            211            168           5137

      ELEC GENERATION (POINT)

         LIGNITE                        5012           20513          36161            775           2583
         DISTILLATE OIL                    1              18             28              1              4
         OTHER                           464             116            850            170            170
         TOTAL (ELEC GEN)               5477           20647          37039            946           2757

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 308             533            290             10             18
         RESIDUAL OIL
            AREA SOURCES                  97            1324            333              5             27
            POINT SOURCES                520            4736           1502             27            135
         DISTILLATE OIL
            AREA SOURCES                  26             361            292             16             42
            POINT SOURCES                  2              73             18              1              4
         NATURAL GAS
            AREA SOURCES                  26               2           1350            380            166
            POINT SOURCES                 65               3           2874             13            101
         PROCESS GAS
            POINT SOURCES                  0              63              0              0              0
         WOOD
            POINT SOURCES               2838             337           2478            579            572
         LIQUID PETROL GAS
            POINT SOURCES                  0               3             37              1              5
         OTHER
            POINT SOURCES                 14               0             33              6              7
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 457            2220           2265            411            253
            POINT SOURCES               3439            5215           6942            627            824

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  11               8              5              0              0
         RESIDUAL OIL
```

*** A09 ***
GRAND TOTAL
****

AREA SOURCES	54402	1348	12785	12346	49240
POINT SOURCES	595	429	186	416	501
TOTAL	54997	1777	12971	12762	49741

*** A10 ***					
MINERAL PRODUCTS	2982	5159	2040	1199	0
TOTAL (INDUSTRIAL)	2983	5159	2040	1199	0
SOLID WASTE DISPOSAL					
*********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	19	0	0	53	154
OPEN BURNING	1255	46	320	1693	5368
TOTAL (RESIDENTIAL)	1274	46	320	1746	5522
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	51	1	9	78	913
OPEN BURNING					
AREA SOURCES	2	0	0	2	10
TOTAL (INDUSTRIAL)					
AREA SOURCES	2	0	0	2	10
POINT SOURCES	51	1	9	78	913
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1276	46	320	1748	5532
POINT SOURCES	51	1	9	78	913
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3098	183	4280	4920	38844
LIGHT DUTY TRUCKS	1389	115	2568	2551	17645
HEAVY DUTY VEHICLES	304	36	1241	1130	15568
OFF HIGHWAY	23	11	215	776	8323
TOTAL (GASOLINE)	4814	345	8304	9377	80380
DIESEL					
HEAVY DUTY VEHICLES	615	331	3123	339	978
OFF HIGHWAY	313	262	3164	466	937
RAIL	405	924	5991	1521	2105
TOTAL (DIESEL)	1333	1517	12278	2326	4020
AIRCRAFT					
CIVIL	0	0	0	9	441
TOTAL (AIRCRAFT)	0	0	0	9	441
VESSELS					
DIESEL FUEL	0	1	4	1	2
GASOLINE	0	1	4	189	594
TOTAL (VESSELS)	0	2	8	190	596
TOTAL (TRANSPORTATION)	6147	1864	20590	11902	85437
MISCELLANEOUS. (AREA)					
*********************					
FOREST WILDFIRES	1883	17	443	2659	15509
STRUCTURAL FIRES	108	0	13	79	436
GASOLINE STA EVAP LOSS	0	0	0	1562	0
SOLVENT EVAPORATION LOSS	0	0	0	4481	0

OFF HIGHWAY	48	24	465	1672	17941
TOTAL (GASOLINE)	7201	455	11624	15087	134890
DIESEL					
HEAVY DUTY VEHICLES	1087	552	5701	682	1868
OFF HIGHWAY	154	129	1552	228	459
RAIL	59	131	849	215	298
TOTAL (DIESEL)	1300	812	8102	1125	2625
AIRCRAFT					
CIVIL	0	0	0	19	924
TOTAL (AIRCRAFT)	0	0	0	19	924
VESSELS					
GASOLINE	0	25	97	3829	12030
TOTAL (VESSELS)	0	25	97	3829	12030
TOTAL (TRANSPORTATION)	8501	1292	19823	20060	150469
MISCELLANEOUS (AREA) **********************					
FOREST WILDFIRES	81	0	19	116	677
STRUCTURAL FIRES	95	0	11	70	381
GASOLINE STA EVAP LOSS	0	0	0	2021	0
SOLVENT EVAPORATION LOSS	0	0	0	11917	0
UNPAVED ROADS	93511	0	0	0	0
TOTAL (MISCELLANEOUS)	93687	0	30	14124	1058
GRAND TOTAL ***********					
AREA SOURCES	103514	2287	22107	35689	158663
POINT SOURCES	24030	87468	23228	4205	9721
TOTAL	127544	89755	45335	39894	168384

DISTILLATE OIL					
AREA SOURCES	13	214	160	5	36
POINT SOURCES	1	12	7	0	2
NATURAL GAS					
AREA SOURCES	113	4	1378	89	235
POINT SOURCES	66	4	1487	24	117
TOTAL (COMM-INST)					
AREA SOURCES	1294	20758	5643	161	612
POINT SOURCES	68	1875	1836	30	147
TOTAL (EXTERNAL COMB)					
AREA SOURCES	6874	48451	52175	15408	24276
POINT SOURCES	29699	416867	184666	17655	25062
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	0	0	10	1	2
TOTAL (ELEC GEN)	0	0	10	1	2
INDUSTRIAL FUEL					
DISTILLATE OIL	0	11	158	13	34
TOTAL (INDUSTRIAL)	0	11	158	13	34
TOTAL (INTERNAL COMB)	0	11	168	14	36
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	6874	48451	52175	15408	24276
POINT SOURCES	29699	416878	184834	17669	25098
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	6248	103785	10806	4905	8510
FOOD/AGRICULTURAL	414	0	0	213	0
PRIMARY METAL	3757	777	0	0	0
SECONDARY METALS	240	471	1	158	259
MINERAL PRODUCTS	2120	2095	1375	62	543
PETROLEUM INDUSTRY	2679	43346	6998	14519	24184
WOOD PRODUCTS	8753	14384	5383	980	54507
ORGANIC SOLVENT EVAPORATION	63	2	16	5180	2048
PETROLEUM STORAGE/TRANSPORT	156	0	0	12153	0
OTHER/NOT CLASSIFIED	188	2026	0	17	0
TOTAL (INDUSTRIAL)	24618	166886	24579	38187	90051
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	344	29	34	17	402
OTHER INCINERATION	547	5	28	5	0
TOTAL (GOVERNMENT)	891	34	62	22	402
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1137	11	31	3194	9581
OPEN BURNING	3895	145	996	5250	16652
TOTAL (RESIDENTIAL)	5032	156	1027	8444	26233
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					

AREA SOURCES	51	8	13	60	150
TOTAL (SOLID WASTE DISP) AREA SOURCES	255	13	41	493	1467
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	9987	346	7956	12945	113055
LIGHT DUTY TRUCKS	3009	153	3319	4656	35676
HEAVY DUTY VEHICLES	275	22	667	950	12989
OFF HIGHWAY	22	11	214	770	8260
TOTAL (GASOLINE)	13293	532	12156	19321	169980
DIESEL					
HEAVY DUTY VEHICLES	1145	469	4286	631	1902
OFF HIGHWAY	270	227	2737	402	810
RAIL	173	394	2564	651	901
TOTAL (DIESEL)	1588	1090	9587	1684	3613
AIRCRAFT					
MILITARY	926	87	557	1647	2965
CIVIL	3	1	5	57	2629
COMMERCIAL	47	103	962	1077	2401
TOTAL (AIRCRAFT)	976	191	1524	2781	7995
VESSELS					
GASOLINE	0	25	95	3828	12026
TOTAL (VESSELS)	0	25	95	3828	12026
TOTAL (TRANSPORTATION)	15857	1838	23362	27614	193614
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	68	1	16	96	559
STRUCTURAL FIRES	26	0	3	20	109
GASOLINE STA EVAP LOSS	0	0	0	3188	0
SOLVENT EVAPORATION LOSS	0	0	0	8059	0
UNPAVED ROADS	247916	0	0	0	0
UNPAVED AIRSTRIPS	318	0	0	0	0
TOTAL (MISCELLANEOUS)	248328	1	19	11363	668
GRAND TOTAL ***********					
AREA SOURCES	264919	3127	25783	39758	196524
POINT SOURCES	16362	35487	65188	1954	2862
TOTAL	281281	38614	90971	41712	199386

```
*** A17 ***                                                                                           *** A17 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                            **********************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                            ***********************************

AQCR EMISSIONS REPORT                                                      RUN DATE:   TUESDAY     JANUARY 26, 1982
*****************************                                  AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
AQCR:019 MONROE-EL DORADO                                     POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                                PARTICULATES          SOX            NOX             HC             CO
                                ************     ************   ************   ************   ************
                                 TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  0                7              4              0              0
         NATURAL GAS                    64                1            512             52            129
         WOOD                          373                6             14             77           2664
         TOTAL (RESIDENTIAL)           437               14            530            129           2793

      ELEC GENERATION (POINT)

         RESIDUAL OIL                   12              149            196              2              9
         DISTILLATE OIL                 30                2            448             15             74
         NATURAL GAS                    93                6           6510              9            158
         TOTAL (ELEC GEN)              135              157           7154             26            241

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               196             1921            339              9             20
         RESIDUAL OIL
            AREA SOURCES                14              190             48              0              4
            POINT SOURCES              574             4265           1544             32            161
         DISTILLATE OIL
            POINT SOURCES              109             9812           1209             55            275
         NATURAL GAS
            AREA SOURCES                96                5          21564           8547           2922
            POINT SOURCES              153             2639          11555             20            997
         WOOD
            POINT SOURCES             2048              659           4402            881            881
         BAGASSE
            POINT SOURCES                1                1              2              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES               306             2116          21951           8556           2946
            POINT SOURCES             2885            17376          18712            989           2315

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                 0                1              0              0              0
         RESIDUAL OIL
            AREA SOURCES               186             3709            649              8             54
         DISTILLATE OIL
            AREA SOURCES                 8              152            117              3             26
         NATURAL GAS
            AREA SOURCES                45                1            529             34             87
```

COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	347	837	365	0	28
POINT SOURCES	106	14	20	0	2
BITUMINOUS COAL					
POINT SOURCES	1534	850	379	57	215
RESIDUAL OIL					
AREA SOURCES	6199	40423	21758	364	1813
POINT SOURCES	1251	16813	9922	167	823
DISTILLATE OIL					
AREA SOURCES	594	8577	6551	299	1491
POINT SOURCES	170	5396	1800	85	411
NATURAL GAS					
AREA SOURCES	552	32	6609	442	1103
POINT SOURCES	23	1	434	7	39
TOTAL (COMM-INST)					
AREA SOURCES	7692	49869	35283	1105	4435
POINT SOURCES	3084	23074	12555	316	1490
TOTAL (EXTERNAL COMB)					
AREA SOURCES	15433	104224	85057	5098	23663
POINT SOURCES	10141	200409	216980	2315	11595
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	150	673	2366	195	538
NATURAL GAS	27	1	796	81	221
OTHER	1	2	19	2	4
TOTAL (ELEC GEN)	178	676	3181	278	763
COMM-INSTITUTIONAL					
TOTAL (COMM-INST)	18	17	253	20	55
ENGINE-TESTING					
TOTAL (ENG TESTNG)	4	5	5	15	10
TOTAL (INTERNAL COMB)	200	698	3439	313	828
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	15433	104224	85057	5098	23663
POINT SOURCES	10341	201107	220419	2628	12423
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	3577	17814	224	5485	29260
FOOD/AGRICULTURAL	545	22	74	50	2
PRIMARY METAL	31	0	1	0	6588
SECONDARY METALS	3943	1953	150	37	4945
MINERAL PRODUCTS	9364	1428	1352	349	984
PETROLEUM INDUSTRY	3274	10664	6483	33096	22062
WOOD PRODUCTS	41	1	1	0	0
ORGANIC SOLVENT EVAPORATION	78	5	6	38359	0
PETROLEUM STORAGE/TRANSPORT	2	0	0	88640	0
METAL FABRICATION	34	0	1	61	0
TEXTILE MANUFACTURING	89	2	20	622	2
OTHER/NOT CLASSIFIED	2433	98	1191	21254	1
TOTAL (INDUSTRIAL)	23411	31987	9503	187953	63844

```
         DISTILLATE OIL
              AREA SOURCES              0          11          6          0          1
              POINT SOURCES           116         510        376         22         35
         NATURAL GAS
              POINT SOURCES            20          29        218         11         25
         LIQUID PETROL GAS
              POINT SOURCES             1           0          1          0          0
         TOTAL (COMM-INST)
              AREA SOURCES             22         316         83          1          8
              POINT SOURCES           862        2210       1560        144        391

     TOTAL (EXTERNAL COMB)
              AREA SOURCES           5589        9720      26210       7345       4221
              POINT SOURCES         18381       32538      24241        540       2814

   INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

         DISTILLATE OIL                 2           2         34          3          7
         NATURAL GAS                    4           0        323        104         55
         TOTAL (ELEC GEN)               6           2        357        107         62

     TOTAL (INTERNAL COMB)              6           2        357        107         62

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES           5589        9720      26210       7345       4221
              POINT SOURCES         18387       32540      24598        647       2876

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              38       28782         88          2          2
   PRIMARY METAL                    34283        4352          1          1       3258
   SECONDARY METALS                  1657           3         23          1      10225
   MINERAL PRODUCTS                  7976        1145        369        198        215
   PETROLEUM INDUSTRY                 707       11417       2814       4527        816
   ORGANIC SOLVENT EVAPORATION          0           0          0        170          0
   PETROLEUM STORAGE/TRANSPORT          0           0          0       2821          0
   OTHER/NOT CLASSIFIED               460        1087       4634         69        383
   TOTAL (INDUSTRIAL)               45121       46786       7929       7789      14899

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION          165          82         65        491        655
      OPEN BURNING                      2           0          1          3         10
      TOTAL (GOVERNMENT)              167          82         66        494        665

   RESIDENTIAL (AREA)

      ON SITE INCINERATION            106           2          3        298        894
      OPEN BURNING                     83           3         21        112        354
      TOTAL (RESIDENTIAL)             189           5         24        410       1248

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES             96          29         45         55        131
      TOTAL (COMM-INST)
              AREA SOURCES             96          29         45         55        131

   INDUSTRIAL
```

```
*** B04 ***                                                                                          *** B04 ***
                 POINT SOURCES              0            7            4            0            1
            NATURAL GAS
                 AREA SOURCES               8            0          110            4           17
            TOTAL (COMM-INST)
                 AREA SOURCES              14           90          180            6           32
                 POINT SOURCES             79          329          100            4           11

        TOTAL (EXTERNAL COMB)
                 AREA SOURCES            3163         2378         2602          868        19557
                 POINT SOURCES           9777        16009         8257          486          784

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            3163         2378         2602          868        19557
                 POINT SOURCES           9777        16009         8257          486          784

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               1280            0            0         1744          977
    FOOD/AGRICULTURAL                      22            0            0            0            0
    SECONDARY METALS                      187           11           48            2        23326
    MINERAL PRODUCTS                    14596          110          119            9            6
    WOOD PRODUCTS                        1534           52           14         3397          430
    ORGANIC SOLVENT EVAPORATION           540            0           54         9167            0
    PETROLEUM STORAGE/TRANSPORT             0            0            0         1612            0
    METAL FABRICATION                       0            0          125            0            0
    TEXTILE MANUFACTURING                  41            0            0         1134            0
    OTHER/NOT CLASSIFIED                   41            0            0          185            0
    TOTAL (INDUSTRIAL)                  18241          173          360        17250        24739

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               21            0            0           62          194
        OPEN BURNING                     1104           42          282         1492         4729
        TOTAL (RESIDENTIAL)              1125           42          282         1554         4923

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                 AREA SOURCES              25            5           11           14           39
        TOTAL (COMM-INST)
                 AREA SOURCES              25            5           11           14           39

    INDUSTRIAL

        ON SITE INCINERATION
                 AREA SOURCES              40            9            9           32           50
                 POINT SOURCES             70           12           11           68           95
        OPEN BURNING
                 AREA SOURCES               3            0            0            3           15
        TOTAL (INDUSTRIAL)
                 AREA SOURCES              43            9            9           35           65
                 POINT SOURCES             70           12           11           68           95

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            1193           56          302         1603         5027
                 POINT SOURCES             70           12           11           68           95

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES
```

```
              AREA SOURCES              19          265          67            1            6
              POINT SOURCES             11          123          29            0            2
          DISTILLATE OIL
              AREA SOURCES               4           69          36            1            8
              POINT SOURCES              1            3           2            0            0
          NATURAL GAS
              AREA SOURCES               7            0          97            6           16
              POINT SOURCES              5            0          63            1            7
          TOTAL (COMM-INST)
              AREA SOURCES              41          342         205            8           30
              POINT SOURCES             17          126          94            1            9

      TOTAL (EXTERNAL COMB)
              AREA SOURCES            1234         2822        2681          587         5420
              POINT SOURCES           8933        25988       44075         1574         3590

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES            1234         2822        2681          587         5420
              POINT SOURCES           8933        25988       44075         1574         3590

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             5356           66           1          509           23
   FOOD/AGRICULTURAL                   480            0           1            2           16
   PRIMARY METAL                      2596          959         181         1304        41274
   SECONDARY METALS                     56            0           0            0           51
   MINERAL PRODUCTS                    736           18           9           31            0
   WOOD PRODUCTS                      3555         1476        9320         9140         3742
   ORGANIC SOLVENT EVAPORATION          82            0           2         1309            0
   PETROLEUM STORAGE/TRANSPORT           0            0           0          542            0
   METAL FABRICATION                     9            0           0            0            0
   TOTAL (INDUSTRIAL)                12870         2519        9514        12837        45106

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

       OPEN BURNING                     85            6          31          159          451
       OTHER INCINERATION               15            0           9            1            0
       TOTAL (GOVERNMENT)              100            6          40          160          451

   RESIDENTIAL (AREA)

       ON SITE INCINERATION            290            5           9          816         2447
       OPEN BURNING                    343           13          88          461         1464
       TOTAL (RESIDENTIAL)             633           18          97         1277         3911

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             POINT SOURCES               1            0           1            0            0
       TOTAL (COMM-INST)
             POINT SOURCES               1            0           1            0            0

   INDUSTRIAL

       ON SITE INCINERATION
             POINT SOURCES             454           28         154          562         5943
       OPEN BURNING
             AREA SOURCES                1            0           0            1            5
             POINT SOURCES               9            0           2           12           70
       TOTAL (INDUSTRIAL)
             AREA SOURCES                1            0           0            1            5
```

```
*** 807 ***                                                                                                  *** 807 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                                 RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                           AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:49 WASHINGTON      AQCR:230 SOUTH CENTRAL WASHINGTON

                                   PARTICULATES          SOX              NOX              HC               CO
                                   ************     ************     ************     ************     ************
                                    TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                   40               64                6               40              179
         DISTILLATE OIL                    21              382              159                9               45
         NATURAL GAS                       16                1              129               14               33
         WOOD                             568               12               22              114             4086
         TOTAL (RESIDENTIAL)              645              459              316              177             4343

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  396              711              383               11               25
            POINT SOURCES                1434             1549             2568               28               73
         LIGNITE
            POINT SOURCES                3684              957              216               36               72
         RESIDUAL OIL
            AREA SOURCES                   96             1327              335                5               27
            POINT SOURCES                 149             1690              421                8               37
         DISTILLATE OIL
            AREA SOURCES                   16              214              174               10               25
            POINT SOURCES                   4               53               27                1                6
         NATURAL GAS
            AREA SOURCES                   44                2             2209              623              272
            POINT SOURCES                  11                1              813                1               20
         WOOD
            POINT SOURCES                3717              331             2128              429              460
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  552             2254             3101              649              349
            POINT SOURCES                8999             4581             6173              503              668

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                   33               29               13                1                2
         RESIDUAL OIL
            AREA SOURCES                   33              462              117                2                9
         DISTILLATE OIL
            AREA SOURCES                    7              119               61                2               14
         NATURAL GAS
            AREA SOURCES                   14                0              158               10               27
         TOTAL (COMM-INST)
            AREA SOURCES                   87              610              349               15               52

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                 1284             3323             3766              841             4744
```

```
*** B08 ***                                                                                      *** B08 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                        RUN DATE:   TUESDAY   JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
***************************                               POINT EMISSIONS AS OF:   THURSDAY      MAY 28, 1981
STATE:50 WEST VIRGINIA   AQCR:179 PARKERSBURG-MARIETTA

                               PARTICULATES       SOX            NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                8             32              1              8             38
         DISTILLATE OIL                 1             18             12              0              4
         NATURAL GAS                   27              1            217             20             54
         WOOD                         101              2              4             21            720
         TOTAL (RESIDENTIAL)          137             53            234             49            816

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              227          17155           5414            123            350
         TOTAL (ELEC GEN)             227          17155           5414            123            350

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             436           5505            986             36             85
         RESIDUAL OIL
            POINT SOURCES              59           1044            153              8              9
         DISTILLATE OIL
            AREA SOURCES               26            256            310             16             44
            POINT SOURCES              29            635            247             13             22
         NATURAL GAS
            AREA SOURCES               60              4           5198           1654            632
            POINT SOURCES               8              0            195              2             14
         TOTAL (INDUSTRIAL)
            AREA SOURCES               86            260           5508           1670            676
            POINT SOURCES             532           7184           1581             59            130

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            AREA SOURCES                2             33             25              1              6
         NATURAL GAS
            AREA SOURCES               10              0            125              8             22
         WOOD
            POINT SOURCES               3              5             34              7              7
         TOTAL (COMM-INST)
            AREA SOURCES               12             33            150              9             28
            POINT SOURCES               3              5             34              7              7

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              235            346           5892           1728           1520
            POINT SOURCES             762          24344           7029            189            487
```

```
*** B10 ***                                                                                    *** B10 ***
    UNPAVED ROADS                    32742          0          0          0          0
    TOTAL (MISCELLANEOUS)            34733         17        456       8781      15945

GRAND TOTAL
***********

    AREA SOURCES                     42574       3177      22654      22916     108831

    POINT SOURCES                     3080       5162       2061       1279        915

    TOTAL                            45654       8339      24715      24195     109746
```

```
*** B11 ***                                                                                               *** B11 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:51 WISCONSIN      AQCR:128 SOUTHEAST MINNESOTA-LA CROSSE      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES         SOX             NOX              HC               CO
                               ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  129            1499             937              53             260
         NATURAL GAS                      62               2             498              50             125
         WOOD                            697              14              25             141            5004
         TOTAL (RESIDENTIAL)             888            1515            1460             244            5389

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 916           69593           11501             192             639
         DISTILLATE OIL                    0              23              42               0               1
         OTHER                            26               1              11               2               2
         TOTAL (ELEC GEN)                942           69617           11554             194             642

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               2846            3426             549             139             437
         RESIDUAL OIL
            POINT SOURCES                149            3163             435               6              45
         DISTILLATE OIL
            AREA SOURCES                   0               0               1               0               0
            POINT SOURCES                  6             243              65               2              11
         NATURAL GAS
            AREA SOURCES                  23               0             770             138              85
            POINT SOURCES                 12               0             504               3              27
         WOOD
            POINT SOURCES                369              22             146              30              29
         LIQUID PETROL GAS
            POINT SOURCES                  0               1               3               0               0
         OTHER
            POINT SOURCES                  1               0               7               0               1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                  23               0             771             138              85
            POINT SOURCES               3383            6855            1709             180             550

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                745            2008             182              55             172
         RESIDUAL OIL
            AREA SOURCES                   4              89              26               0               0
            POINT SOURCES                  5             114              20               0               5
         DISTILLATE OIL
            AREA SOURCES                  12             169             128               2              30
```

```
*** B13 ***                                                                                              *** B13 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                        RUN DATE:  TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:52 WYOMING        AQCR:241 CASPER

                              PARTICULATES        SOX             NOX             HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                5              10               1               5              25
         DISTILLATE OIL                 0               2               1               0               0
         NATURAL GAS                   22               1             178              18              44
         WOOD                          92               1               3              19             657
         TOTAL (RESIDENTIAL)          119              14             183              42             726

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             2502           31369           33020             550            1834
         DISTILLATE OIL                 0              10              10               0               2
         TOTAL (ELEC GEN)            2502           31379           33030             550            1836

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              250            1032             502              15              33
         RESIDUAL OIL
            POINT SOURCES             142            1884             743              12              62
         DISTILLATE OIL
            AREA SOURCES               27             386             313              17              45
         NATURAL GAS
            AREA SOURCES               59               4           10144            3928            1365
            POINT SOURCES               1               0              17               0               2
         PROCESS GAS
            POINT SOURCES               0            1040               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              336            1422           10959            3960            1443
            POINT SOURCES             143            2924             760              12              64

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               77             151              57               5              12
         RESIDUAL OIL
            AREA SOURCES                0               5               1               0               0
         DISTILLATE OIL
            AREA SOURCES                0               6               3               0               1
         NATURAL GAS
            AREA SOURCES                4               0              52               3               9
         TOTAL (COMM-INST)
            AREA SOURCES               81             162             113               8              22

      TOTAL (EXTERNAL COMB)
```

```
*** B14 ***                                                                                              *** B14 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                               *******************************

                                               ENVIRONMENTAL PROTECTION AGENCY
                                              ********************************

                                                                              RUN DATE:    TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:    TUESDAY       JULY 21, 1981
***************************                                         POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981
STATE:54 GUAM          AQCR:246 GUAM

                              PARTICULATES          SOX             NOX             HC              CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 8113          103997           24417             243            1104
         TOTAL (ELEC GEN)             8113          103997           24417             243            1104

      INDUSTRIAL FUEL

         DISTILLATE OIL
            POINT SOURCES                7             402              82               4              19
         NATURAL GAS
            POINT SOURCES                1               0              17               1               3
         TOTAL (INDUSTRIAL)
            POINT SOURCES                8             402              99               5              22

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            POINT SOURCES                1              58              12               1               3
         TOTAL (COMM-INST)
            POINT SOURCES                1              58              12               1               3

      TOTAL (EXTERNAL COMB)
            POINT SOURCES             8122          104457           24528             249            1129

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                253           11917            3387             121             197
         OTHER                           4               5              54               4              12
         TOTAL (ELEC GEN)              257           11922            3441             125             209

      TOTAL (INTERNAL COMB)            257           11922            3441             125             209

   TOTAL (FUEL COMBUSTION)

            POINT SOURCES             8379          116379           27969             374            1338

INDUSTRIAL PROCESS (POINT)
**************************

   MINERAL PRODUCTS                      1               0               0               0               0
   ORGANIC SOLVENT EVAPORATION           0               0               0             151               0
   PETROLEUM STORAGE/TRANSPORT           0               0               0            6205               0
   TOTAL (INDUSTRIAL)                    1               0               0            6356               0
```

```
              AREA SOURCES                0          0          0          0          2
        OPEN BURNING
              AREA SOURCES               13          0          4         23         60
        TOTAL (COMM-INST)
              AREA SOURCES               13          0          4         23         62

    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES                6          1          1          5          6
              POINT SOURCES              99         16         13         99        131
        OPEN BURNING
              AREA SOURCES               63          2         18        103        380
        TOTAL (INDUSTRIAL)
              AREA SOURCES               69          3         19        108        386
              POINT SOURCES              99         16         13         99        131

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES             5114        159       1050       8575      26681
              POINT SOURCES             990         50         75        121        533

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       42488       1812      41634      57955     491883
            LIGHT DUTY TRUCKS          9540        616      13388      16399     119594
            HEAVY DUTY VEHICLES        2654        245       7989       9475     130532
            OFF HIGHWAY                 183        101       1782       6413      68782
            TOTAL (GASOLINE)          54865       2774      64793      90242     810791

        DIESEL

            HEAVY DUTY VEHICLES        5944       2706      24722       3206       9538
            OFF HIGHWAY                1204       1008      12179       1792       3603
            RAIL                        251        573       3725        945       1309
            TOTAL (DIESEL)             7399       4287      40626       5943      14450

    AIRCRAFT

        MILITARY                       8591        808       5167      15288      27531
        CIVIL                             2          0          4         90       4251
        COMMERCIAL                       21         45        430        479       1071
        TOTAL (AIRCRAFT)               8614        853       5601      15857      32853

    VESSELS

        DIESEL FUEL                     223        281       2089        549        732
        RESIDUAL OIL                    978      12886       2118        147         71
        GASOLINE                          0         58        213       8735      27436
        TOTAL (VESSELS)                1201      13225       4420       9431      28239

    TOTAL (TRANSPORTATION)            72079      21139     115440     121473     886333

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  13283        119       3125      18751     109375
    FOREST MANAGED BURNING            12718         93       2543      11445      71218
    AGRICULTURAL BURNING                399          0         57        474       2632
    STRUCTURAL FIRES                    607          0         69        451       2457
    GASOLINE STA EVAP LOSS                0          0          0      16347          0
    SOLVENT EVAPORATION LOSS              0          0          0      67258          0
```

TOTAL (COMM-INST)					
AREA SOURCES	239	3863	1295	45	167
TOTAL (EXTERNAL COMB)					
AREA SOURCES	982	5993	23776	8730	5906
POINT SOURCES	3020	17533	25866	1015	2556
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	14	13	325	6	31
NATURAL GAS	4	1	959	264	93
TOTAL (ELEC GEN)	18	14	1284	270	124
INDUSTRIAL FUEL					
NATURAL GAS	57	9	17306	6155	2211
TOTAL (INDUSTRIAL)	57	9	17306	6155	2211
TOTAL (INTERNAL COMB)	75	23	18590	6425	2335
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	982	5993	23776	8730	5906
POINT SOURCES	3095	17556	44456	7440	4891
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	198	1534	0	159	106
SECONDARY METALS	1	1	1	1	1
MINERAL PRODUCTS	119	0	2	2	197
PETROLEUM INDUSTRY	323	7437	1103	580	34424
WOOD PRODUCTS	4157	1445	1689	1432	27078
ORGANIC SOLVENT EVAPORATION	0	0	0	32	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	71	0
OTHER/NOT CLASSIFIED	2	2	3	2	2
TOTAL (INDUSTRIAL)	4800	10419	2798	2279	61808
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	139	1	1	390	1170
OPEN BURNING	1156	45	297	1561	4950
TOTAL (RESIDENTIAL)	1295	46	298	1951	6120
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	8	2	3	5	12
POINT SOURCES	14	1	4	14	42
TOTAL (COMM-INST)					
AREA SOURCES	8	2	3	5	12
POINT SOURCES	14	1	4	14	42
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	7	1	1	6	9
POINT SOURCES	73	7	10	93	701
OPEN BURNING					
AREA SOURCES	1	0	0	1	5
POINT SOURCES	160	0	19	38	471

```
*** B18 ***                                                                                  *** B18 ***
SOLID WASTE DISPOSAL
*********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           22589        4156        4323        2835       57795
        OPEN BURNING                         4           0           2           7          15
        OTHER INCINERATION                   1           0           2           0           0
        TOTAL (GOVERNMENT)               22594        4156        4327        2842       57810

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              2441          38          76        6868       20600
        OPEN BURNING                      8862         330        2267       11951       37921
        TOTAL (RESIDENTIAL)              11303         368        2343       18819       58521

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              4953        1565        2344        2868        6776
                POINT SOURCES              834         237         282         406        1053
        OPEN BURNING
                AREA SOURCES                26           0           9          52         141
        TOTAL (COMM-INST)
                AREA SOURCES              4979        1565        2353        2920        6917
                POINT SOURCES              834         237         282         406        1053

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               733         148         148         663         985
                POINT SOURCES             1033        1248        1148        7036        9741
        OPEN BURNING
                AREA SOURCES               297          12          99         516        1808
                POINT SOURCES               10           1           4          19          54
        TOTAL (INDUSTRIAL)
                AREA SOURCES              1030         160         247        1179        2793
                POINT SOURCES             1043        1249        1152        7055        9795

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             17312        2093        4943       22918       68231
                POINT SOURCES            24471        5642        5761       10303       68658

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         284542        8882      214987      355225     3345211
            LIGHT DUTY TRUCKS            20598         894       19906       30905      257854
            HEAVY DUTY VEHICLES          10542         746       23793       37884      520196
            OFF HIGHWAY                    523         275        5178       18643      199928
            TOTAL (GASOLINE)            316205       10797      263864      442657     4323189

        DIESEL

            HEAVY DUTY VEHICLES          17359        6711       67185       10667       30127
            OFF HIGHWAY                   2094        1753       21167        3112        6264
            RAIL                          1255        2863       18582        4721        6531
            TOTAL (DIESEL)               20708       11327      106934       18500       42922

    AIRCRAFT

        MILITARY                            97           9          59         170         308
```

```
*** C01 ***                                                                                                              *** C01 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                ********************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                *********************************

STATE EMISSIONS REPORT                                                                        RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE 46:UTAH                                                                     POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                   PARTICULATES           SOX              NOX                HC                CO
                                   ************      ************      ************      ************      ************
                                    TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL                 131               623                18               131               585
            DISTILLATE OIL                    3               100                39                 0                11
            NATURAL GAS                     308                17              2475               245               620
            WOOD                            343                 5                13                70              2457
            TOTAL (RESIDENTIAL)             785               745              2545               446              3673

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               11876             37054             36478               617              2042
            RESIDUAL OIL                      3               559               354                 3                17
            DISTILLATE OIL                    0                61                54                 2                 9
            NATURAL GAS                       8                 1              1762                 2                43
            OTHER                           224               928                 4                 0              1191
            TOTAL (ELEC GEN)              12111             38603             38652               624              3302

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES               5826             10534              5172               152               336
                POINT SOURCES              6334              3708              2626                53               156
            RESIDUAL OIL
                POINT SOURCES               365              3591               767                26                92
            DISTILLATE OIL
                AREA SOURCES                 46               705               571                29                82
                POINT SOURCES                 7                87                20                 7                12
            NATURAL GAS
                AREA SOURCES                178                 9             20355              7427              2698
                POINT SOURCES               294                 4              3140                65               125
            PROCESS GAS
                POINT SOURCES                 7              6444                15                 0                 2
            OTHER
                POINT SOURCES                 1                 0                12                 0                 1
            TOTAL (INDUSTRIAL)
                AREA SOURCES               6050             11248             26098              7608              3116
                POINT SOURCES              7008             13834              6580               151               388

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES               715              1641               965               110               330
            RESIDUAL OIL
                AREA SOURCES                 89              1213               307                 2                25
                POINT SOURCES                10                30                 0                 1                 1
```

```
*** CO2 ***                                                                           *** CO2 ***

     ON SITE INCINERATION
             AREA SOURCES              55          11          11          50          75
             POINT SOURCES              0           0           3           4          11
     OPEN BURNING
             POINT SOURCES              2           0           1           3          20
     TOTAL (INDUSTRIAL)
             AREA SOURCES              55          11          11          50          75
             POINT SOURCES              2           0           4           7          31

  TOTAL (SOLID WASTE DISP)
             AREA SOURCES             340          45          80         515        1454
             POINT SOURCES            169          82          70         501         696

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES         17429         543        9241       29628      339152
        LIGHT DUTY TRUCKS            5933         257        4032       12338      131257
        HEAVY DUTY VEHICLES           875          62        1287        3987       68295
        OFF HIGHWAY                    53          28         514        1845       19797
        TOTAL (GASOLINE)            24290         890       15074       47798      558501

     DIESEL

        HEAVY DUTY VEHICLES          3213        1238       12294        3996        8961
        OFF HIGHWAY                   561         470        5672         834        1680
        RAIL                          647        1476        9580        2434        3366
        TOTAL (DIESEL)               4421        3184       27546        7264       14007

  AIRCRAFT

     MILITARY                         397          37         239         707        1274
     CIVIL                              3           0           4          51        2346
     COMMERCIAL                        27          59         552         617        1375
     TOTAL (AIRCRAFT)                 427          96         795        1375        4995

  VESSELS

     GASOLINE                           0           6          23         970        3045
     TOTAL (VESSELS)                    0           6          23         970        3045

  TOTAL (TRANSPORTATION)            29138        4176       43438       57407      580548

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                     37           0           8          52         305
  FOREST MANAGED BURNING             3794          28         759        3414       21245
  STRUCTURAL FIRES                    240           0          29         180         981
  GASOLINE STA EVAP LOSS                0           0           0        4788           0
  SOLVENT EVAPORATION LOSS              0           0           0       29943           0
  UNPAVED ROADS                    102288           0           0           0           0
  UNPAVED AIRSTRIPS                    85           0           0           0           0
  TOTAL (MISCELLANEOUS)            106444          28         796       38377       22531

GRAND TOTAL
***********

  AREA SOURCES                     141511       13969       70524      103644      608754

  POINT SOURCES                     63677       79408       32597        8937       18471
```

```
*** C03 ***                                                                                    *** C03 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
**************************                            POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 48:VIRGINIA

                                PARTICULATES       SOX            NOX            HC             CO
                                ************   ************   ************   ************   ************
                                 TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  740           8493           5305            297           1474
         NATURAL GAS                     272             17           2241            219            554
         WOOD                           7232            144            289           1457          51975
         TOTAL (RESIDENTIAL)            8244           8654           7835           1973          54003

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                5486          90778          52905            772           2574
         RESIDUAL OIL                   4279         125318          54074            514           2575
         DISTILLATE OIL                    8            538            390             11             64
         NATURAL GAS                       0              0            617              1             15
         OTHER                             2              2             16              3              3
         TOTAL (ELEC GEN)               9775         216636         108002           1301           5231

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                3637          11510           6059            172            391
            POINT SOURCES              18211          34767          17743            399           1092
         RESIDUAL OIL
            POINT SOURCES               5500          72098          12252            194          11995
         DISTILLATE OIL
            POINT SOURCES                157           2885           1741             77            397
         NATURAL GAS
            AREA SOURCES                 159              3           8061           2275            992
            POINT SOURCES                 60              0           1221             17             82
         WOOD
            POINT SOURCES               4038            851           5663           1132           1132
         LIQUID PETROL GAS
            POINT SOURCES                  0              3             17              0              0
         OTHER
            POINT SOURCES                  4              0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                3796          11513          14120           2447           1383
            POINT SOURCES              27970         110604          38637           1819          14698

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                  57            144             59              0              3
         BITUMINOUS COAL
            POINT SOURCES                658           1469            620             41             82
```

```
*** C04 ***                                                                                    *** C04 ***
        GASOLINE

            LIGHT DUTY VEHICLES          8306         539        13371        16437        124558
            LIGHT DUTY TRUCKS            2002         185         4218         4542         30304
            HEAVY DUTY VEHICLES           498          65         2282         2003         27529
            OFF HIGHWAY                    67          33          645         2324         24915
            TOTAL (GASOLINE)            10873         822        20516        25306        207306

        DIESEL

            HEAVY DUTY VEHICLES          1231         689         6494          675          1960
            OFF HIGHWAY                   740         620         7496         1101          2218
            RAIL                          133         305         1967          501           692
            TOTAL (DIESEL)               2104        1614        15957         2277          4870

    AIRCRAFT

        MILITARY                           10           1            6           18            32
        CIVIL                               0           0            0           19           854
        COMMERCIAL                          3           6           58           65           145
        TOTAL (AIRCRAFT)                   13           7           64          102          1031

    VESSELS

        GASOLINE                            0           4           21          902          2834
        TOTAL (VESSELS)                     0           4           21          902          2834

    TOTAL (TRANSPORTATION)              12990        2447        36558        28587        216041

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      123           0           27          171          1002
    FOREST MANAGED BURNING                531           2          104          477          2979
    STRUCTURAL FIRES                      161           0           17          119           649
    GASOLINE STA EVAP LOSS                  0           0            0         2443             0
    SOLVENT EVAPORATION LOSS                0           0            0        16774             0
    UNPAVED ROADS                       44107           0            0            0             0
    UNPAVED AIRSTRIPS                       2           0            0            0             0
    TOTAL (MISCELLANEOUS)               44924           2          148        19984          4630

GRAND TOTAL
***********

    AREA SOURCES                        62270        4883        39610        51042        245255

    POINT SOURCES                       28088       16194         8628        17804         25618

    TOTAL                               90358       21077        48238        68846        270873
```

```
*** C05 ***                                                                                              *** C05 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                            AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:48 VIRGINIA      AQCR:226 VALLEY OF VIRGINIA    POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES        SOX          NOX           HC           CO
                               ************   ************  ************  ************  ************
                                TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                115         1319           824            46           227
         NATURAL GAS                    35            2           304            29            77
         WOOD                          970           17            40           196          6966
         TOTAL (RESIDENTIAL)          1120         1338          1168           271          7270

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               110        15682          6976           116           388
         DISTILLATE OIL                  0           18            35             1             6
         TOTAL (ELEC GEN)              110        15700          7011           117           394

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               900         2848          1498            44            99
            POINT SOURCES            10937        23512         11793           219           651
         RESIDUAL OIL
            POINT SOURCES             1187         7775          1272            22           107
         DISTILLATE OIL
            POINT SOURCES               97         1446          1080            48           246
         NATURAL GAS
            AREA SOURCES                42            2          2055           580           255
            POINT SOURCES               23            0           754             7            40
         WOOD
            POINT SOURCES              349          116           780           157           157
         LIQUID PETROL GAS
            POINT SOURCES                0            0             3             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               942         2850          3553           624           354
            POINT SOURCES            12593        32849         15682           453          1201

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                20           52            22             0             1
         BITUMINOUS COAL
            POINT SOURCES              235          454           208            14            28
         RESIDUAL OIL
            POINT SOURCES               33          450            74             0             5
         DISTILLATE OIL
            AREA SOURCES                11          198           151             7            33
            POINT SOURCES               15          227           166             7            38
```

POINT SOURCES	463	28	156	574	6013
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	634	18	97	1278	3916
POINT SOURCES	564	34	197	734	6464
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	6636	268	6807	11077	93876
LIGHT DUTY TRUCKS	2171	126	2909	3979	30604
HEAVY DUTY VEHICLES	166	14	496	664	8832
OFF HIGHWAY	23	11	224	808	8678
TOTAL (GASOLINE)	8996	419	10436	16528	141990
DIESEL					
HEAVY DUTY VEHICLES	998	475	4739	607	1713
OFF HIGHWAY	184	154	1861	274	551
RAIL	80	182	1185	301	417
TOTAL (DIESEL)	1262	811	7785	1182	2681
AIRCRAFT					
CIVIL	1	0	1	32	1447
TOTAL (AIRCRAFT)	1	0	1	32	1447
VESSELS					
DIESEL FUEL	131	164	1222	321	428
GASOLINE	0	5	21	825	2593
TOTAL (VESSELS)	131	169	1243	1146	3021
TOTAL (TRANSPORTATION)	10390	1399	19465	18888	149139
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	846	7	199	1194	6969
FOREST MANAGED BURNING	18063	135	3612	16256	101149
AGRICULTURAL BURNING	121	0	17	144	798
STRUCTURAL FIRES	73	0	8	54	294
GASOLINE STA EVAP LOSS	0	0	0	1271	0
SOLVENT EVAPORATION LOSS	0	0	0	7992	0
UNPAVED ROADS	539	0	0	0	0
UNPAVED AIRSTRIPS	7	0	0	0	0
TOTAL (MISCELLANEOUS)	19649	142	3836	26911	109210
GRAND TOTAL ***********					
AREA SOURCES	31907	4381	26079	47664	267685
POINT SOURCES	22367	28541	53786	15145	55160
TOTAL	54274	32922	79865	62809	322845

POINT SOURCES	8999	4581	6173	503	668
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1284	3323	3766	841	4744
POINT SOURCES	8999	4581	6173	503	668
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	2990	1000	2822	0	0
FOOD/AGRICULTURAL	663	0	0	0	0
PRIMARY METAL	517	400	0	0	15800
SECONDARY METALS	0	0	0	0	23
MINERAL PRODUCTS	670	3	0	0	0
WOOD PRODUCTS	862	212	89	1	888
ORGANIC SOLVENT EVAPORATION	0	0	0	92	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	2070	0
OTHER/NOT CLASSIFIED	5	0	0	5	0
TOTAL (INDUSTRIAL)	5707	1615	2911	2168	16711
SOLID WASTE DISPOSAL *********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	936	15	28	2630	7890
OPEN BURNING	868	32	222	1171	3713
TOTAL (RESIDENTIAL)	1804	47	250	3801	11603
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	20	5	9	11	28
TOTAL (COMM-INST)					
AREA SOURCES	20	5	9	11	28
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	9	2	2	7	11
POINT SOURCES	66	3	3	88	303
OPEN BURNING					
AREA SOURCES	6	0	1	8	35
TOTAL (INDUSTRIAL)					
AREA SOURCES	15	2	3	15	46
POINT SOURCES	66	3	3	88	303
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1839	54	262	3827	11677
POINT SOURCES	66	3	3	88	303
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	7126	332	8409	12844	104695
LIGHT DUTY TRUCKS	2385	158	3664	4649	34364
HEAVY DUTY VEHICLES	303	29	1005	1166	15927
OFF HIGHWAY	41	23	413	1488	15968
TOTAL (GASOLINE)	9855	542	13491	20147	170954
DIESEL					

```
*** C08 ***                                                                                      *** C08 ***
   TOTAL (FUEL COMBUSTION)

            AREA SOURCES             235          346         5892         1728         1520
            POINT SOURCES            762        24344         7029          189          487

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING            351         2430           74           19          370
   PRIMARY METAL                    9101         6837            0           17        89699
   SECONDARY METALS                  299           36            0            0           60
   MINERAL PRODUCTS                  493            0            0            0            0
   PETROLEUM INDUSTRY                  3           28            0            0            0
   TOTAL (INDUSTRIAL)              10247         9331           74           36        90129

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             8            0            0           22           66
      OPEN BURNING                   489           17          125          659         2088
      TOTAL (RESIDENTIAL)            497           17          125          681         2154

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES             31            1           64            1            0
      OPEN BURNING
            AREA SOURCES               4            0            1            7           25
      TOTAL (INDUSTRIAL)
            AREA SOURCES               4            0            1            7           25
            POINT SOURCES             31            1           64            1            0

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES             501           17          126          688         2179
            POINT SOURCES             31            1           64            1            0

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        2072          108         2575         3226        26322
         LIGHT DUTY TRUCKS           696           53         1173         1265         9000
         HEAVY DUTY VEHICLES         119           13          437          441         6085
         OFF HIGHWAY                  13            6          125          452         4861
         TOTAL (GASOLINE)           2900          180         4310         5384        46268

      DIESEL

         HEAVY DUTY VEHICLES         218          107          998          118          342
         OFF HIGHWAY                 155          130         1563          231          463
         RAIL                        168          381         2474          628          870
         TOTAL (DIESEL)              541          618         5035          977         1675

   AIRCRAFT

      MILITARY                        48            5           29           85          154
      CIVIL                            0            0            0            6          311
      COMMERCIAL                       2            4           35           39           87
      TOTAL (AIRCRAFT)                50            9           64          130          552

   VESSELS
```

```
*** C09 ***                                                                                          *** C09 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

                                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:50 WEST VIRGINIA   AQCR:233 EASTERN PANHANDLE

                              PARTICULATES        SOX           NOX           HC            CO
                              ************    ************  ************  ************  ************
                               TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              23              86             4            23           102
         DISTILLATE OIL               24             278           174            10            49
         NATURAL GAS                   1               0            15             1             4
         WOOD                         95               1             4            19           684
         TOTAL (RESIDENTIAL)         143             365           197            53           839

      ELEC GENERATION (POINT)

         OTHER                        10              15            30            22            30
         TOTAL (ELEC GEN)             10              15            30            22            30

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             65             351            72             5            10
         RESIDUAL OIL
            POINT SOURCES             99            1311           243             9            18
         DISTILLATE OIL
            AREA SOURCES              13             121           147             7            20
            POINT SOURCES              3              39            29             2             6
         NATURAL GAS
            AREA SOURCES              25               1          2180           693           265
            POINT SOURCES              0               0            18             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              38             122          2327           700           285
            POINT SOURCES            167            1701           362            16            34

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               1               4             1             0             0
         DISTILLATE OIL
            AREA SOURCES               2              21            16             0             4
            POINT SOURCES              2               5             7             1             1
         NATURAL GAS
            AREA SOURCES               3               0            48             3             9
         TOTAL (COMM-INST)
            AREA SOURCES               6              25            65             3            13
            POINT SOURCES              2               5             7             1             1

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             187             512          2589           756          1137
```

```
              POINT SOURCES                 26          155           36           10           32
          NATURAL GAS
              AREA SOURCES                  34            1          401           27           67
              POINT SOURCES                  3            0           34            0            5
          TOTAL (COMM-INST)
              AREA SOURCES                  50          259          555           29           97
              POINT SOURCES                779         2277          272           65          214

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                 961         1774         2786          411         5571
              POINT SOURCES               5104        78749        13535          439         1406

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                    97         1317         1344          115          301
          NATURAL GAS                        0            0           40           17            5
          TOTAL (ELEC GEN)                  97         1317         1384          132          306

      INDUSTRIAL FUEL

          DISTILLATE OIL                     0            1            1            0            0
          TOTAL (INDUSTRIAL)                 0            1            1            0            0

      TOTAL (INTERNAL COMB)                 97         1318         1385          132          306

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 961         1774         2786          411         5571
              POINT SOURCES               5201        80067        14920          571         1712

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  943            1            1           45          144
   FOOD/AGRICULTURAL                       291            0           11            0            2
   SECONDARY METALS                         71           12           10            5          854
   MINERAL PRODUCTS                        792           53           17            0            4
   ORGANIC SOLVENT EVAPORATION               1            0           28         4442            2
   PETROLEUM STORAGE/TRANSPORT               0            0            0          876            0
   OTHER/NOT CLASSIFIED                      0            0            1          192            0
   TOTAL (INDUSTRIAL)                     2098           66           68         5560         1006

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION                269            2            7          762         2281
       OPEN BURNING                        754           30          192         1019         3230
       TOTAL (RESIDENTIAL)                1023           32          199         1781         5511

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
           AREA SOURCES                     64           17           33           38           90
           POINT SOURCES                    10            0            0            6            8
       TOTAL (COMM-INST)
           AREA SOURCES                     64           17           33           38           90
           POINT SOURCES                    10            0            0            6            8

   INDUSTRIAL

       ON SITE INCINERATION
           AREA SOURCES                     23            3            3           21           32
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

STATE/AQCR EMISSIONS REPORT                                                 RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                                     AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:51 WISCONSIN       AQCR:239 SOUTHEASTERN WISCONSIN       POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                              PARTICULATES          SOX           NOX           HC            CO
                              ************      ************  ************  ************  ************
                               TONS / YR         TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                 196          2261          1413            79           392
            NATURAL GAS                    308            19          2470           247           618
            WOOD                            68             1             2            14           486
            TOTAL (RESIDENTIAL)            572          2281          3885           340          1496

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               4650        196466         37435           625          2080
            DISTILLATE OIL                  12           255           329             7            36
            NATURAL GAS                     54             3          3871             6            94
            TOTAL (ELEC GEN)              4716        196724         41635           638          2210

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES              256           315            48             7            21
            RESIDUAL OIL
                POINT SOURCES              186          2826           616            11            59
            DISTILLATE OIL
                AREA SOURCES                 1            10            14             0             1
                POINT SOURCES               52          1152           441            20           102
            NATURAL GAS
                AREA SOURCES               144             9          4286           768           481
                POINT SOURCES               69             3          1919            18           118
            PROCESS GAS
                POINT SOURCES                6             1             7             1             6
            LIQUID PETROL GAS
                POINT SOURCES                6            27            41             1             5
            OTHER
                POINT SOURCES                5             0            56             4            11
            TOTAL (INDUSTRIAL)
                AREA SOURCES               145            19          4300           768           482
                POINT SOURCES              580          4324          3128            62           322

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES              883          1437           533            35            70
            RESIDUAL OIL
                AREA SOURCES                18           249            64             1             4
                POINT SOURCES                8           101            85             1             4
            DISTILLATE OIL
                AREA SOURCES                32           461           351            15            79
```

```
*** C13 ***                                                                                          *** C13 ***
                 AREA SOURCES              536          1598          11255          4010          2191
                 POINT SOURCES            2645         34303          33790           562          1900

    INTERNAL COMBUSTION (POINT)

       INDUSTRIAL FUEL

          NATURAL GAS                        0             0            124            51            16
          TOTAL (INDUSTRIAL)                 0             0            124            51            16

       TOTAL (INTERNAL COMB)                 0             0            124            51            16

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES              536          1598          11255          4010          2191
                 POINT SOURCES            2645         34303          33914           613          1916

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   5          1448              0             0             0
    PRIMARY METAL                            1             1              0             0             0
    MINERAL PRODUCTS                       290            59              5             1             1
    PETROLEUM INDUSTRY                     323         14235           1327          5389         45803
    PETROLEUM STORAGE/TRANSPORT              0             0              0          5336             0
    TOTAL (INDUSTRIAL)                     619         15743           1332         10726         45804

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                 35             0              1            97           293
       OPEN BURNING                        134             5             34           181           575
       TOTAL (RESIDENTIAL)                 169             5             35           278           868

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
                 AREA SOURCES                9             3              5             5            13
       TOTAL (COMM-INST)
                 AREA SOURCES                9             3              5             5            13

    INDUSTRIAL

       ON SITE INCINERATION
                 AREA SOURCES                2             0              0             2             3
                 POINT SOURCES             275             4             38           413          4875
       TOTAL (INDUSTRIAL)
                 AREA SOURCES                2             0              0             2             3
                 POINT SOURCES             275             4             38           413          4875

    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES              180             8             40           285           884
                 POINT SOURCES             275             4             38           413          4875

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

       GASOLINE

          LIGHT DUTY VEHICLES             2230            87           1506          4111         46144
          LIGHT DUTY TRUCKS               1584            86           1359          3442         35816
          HEAVY DUTY VEHICLES              165            14            308           763         13283
```

```
*** C14 ***                                                                                      *** C14 ***
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            9           1           1           9          12
        OPEN BURNING                   2040         128         765        3825       10839
        TOTAL (GOVERNMENT)             2049         129         766        3834       10851

    TOTAL (SOLID WASTE DISP)
                POINT SOURCES          2049         129         766        3834       10851

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         890          60        1357        1653       12424
            LIGHT DUTY TRUCKS           170          16         317         366        2443
            TOTAL (GASOLINE)           1060          76        1674        2019       14867

        DIESEL

            HEAVY DUTY VEHICLES         170          97         851          90         257
            TOTAL (DIESEL)              170          97         851          90         257

    AIRCRAFT

        MILITARY                        282          26         169         501         903
        COMMERCIAL                        4           8          72          80         179
        TOTAL (AIRCRAFT)                286          34         241         581        1082

    VESSELS

        RESIDUAL OIL                      2          20           3           0           0
        TOTAL (VESSELS)                   2          20           3           0           0

    TOTAL (TRANSPORTATION)             1518         227        2769        2690       16206

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    320           3          75         452        2639
    GASOLINE STA EVAP LOSS                0           0           0         342           0
    TOTAL (MISCELLANEOUS)               320           3          75         794        2639

GRAND TOTAL
***********

    AREA SOURCES                       1838         230        2844        3484       18845

    POINT SOURCES                     10429      116508       28735       10564       12189

    TOTAL                             12267      116738       31579       14048       31034
```

```
*** C15 ***                                                                                        *** C15 ***
    UNPAVED ROADS                      276390          0          0          0          0
    TOTAL (MISCELLANEOUS)              303397        212       5794     114726     185682

GRAND TOTAL
***********

    AREA SOURCES                       387464      69961     174459     260182    1122972

    POINT SOURCES                       55307     583814     209488      55977     115682

    TOTAL                              442771     653775     383947     316159    1238654
```

```
*** C16 ***                                                                                      *** C16 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

AQCR EMISSIONS REPORT                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
*****************************                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:014 FOUR CORNERS                                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                           PARTICULATES        SOX           NOX            HC            CO
                           ************    ************  ************  ************  ************
                            TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL            25           115             2            25           114
         DISTILLATE OIL              6            99            40             1             9
         NATURAL GAS                56             1           447            44           112
         WOOD                     2627            51           106           527         18900
         TOTAL (RESIDENTIAL)      2714           266           595           597         19135

      ELEC GENERATION (POINT)

         BITUMINOUS COAL         34228        208758        201184          2830         28386
         RESIDUAL OIL                0           331           310             3            14
         DISTILLATE OIL              4           335           141             5            53
         NATURAL GAS                 7             0           491             1            14
         TOTAL (ELEC GEN)        34239        209424        202126          2839         28467

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES           569          1810           872            25            56
         RESIDUAL OIL
            AREA SOURCES            20           236            68             1             5
            POINT SOURCES           18           180            65             2             5
         DISTILLATE OIL
            AREA SOURCES             7           134           108             4            14
            POINT SOURCES            0             2             2             0             0
         NATURAL GAS
            AREA SOURCES             9             0          1518           586           205
            POINT SOURCES           13             1           261             4            22
         PROCESS GAS
            POINT SOURCES            9           189           133            13             0
         WOOD
            POINT SOURCES         1213           282          1892           379           379
         OTHER
            POINT SOURCES            1             0            11             1             2
         TOTAL (INDUSTRIAL)
            AREA SOURCES           605          2180          2566           616           280
            POINT SOURCES         1254           654          2364           399           408

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES            25           315            82             0             7
         DISTILLATE OIL
            AREA SOURCES             2            59            32             0             7
```

```
*** C17 ***                                                                                  *** C17 ***
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  8          1          1          7          14
                POINT SOURCES               233          7         29        131        1172

     TOTAL (SOLID WASTE DISP)
                AREA SOURCES               1311         49        302       1963        6146
                POINT SOURCES               247          8         33        145        1214

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

         GASOLINE

             LIGHT DUTY VEHICLES           6331        312       7065       8946       73599
             LIGHT DUTY TRUCKS             2308        165       3583       4023       28557
             HEAVY DUTY VEHICLES            606         59       2039       2181       30027
             OFF HIGHWAY                     55         26        528       1904       20415
             TOTAL (GASOLINE)              9300        562      13215      17054      152598

         DIESEL

             HEAVY DUTY VEHICLES           1329        654       5960        712        2112
             OFF HIGHWAY                    306        255       3096        457         918
             RAIL                           107        240       1558        397         548
             TOTAL (DIESEL)                1742       1149      10614       1566        3578

     AIRCRAFT

         MILITARY                            26          2         16         46          83
         CIVIL                                0          0          1         41        1941
         COMMERCIAL                           3          6         54         60         134
         TOTAL (AIRCRAFT)                    29          8         71        147        2158

     VESSELS

         DIESEL FUEL                         68         88        648        172         228
         GASOLINE                             0          6         20        810        2550
         TOTAL (VESSELS)                     68         94        668        982        2778

     TOTAL (TRANSPORTATION)               11139       1813      24568      19749      161112

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                       597          4        139        842        4919
     FOREST MANAGED BURNING                1441         10        289       1296        8066
     STRUCTURAL FIRES                       129          0         14         98         522
     GASOLINE STA EVAP LOSS                   0          0          0       2820           0
     SOLVENT EVAPORATION LOSS                 0          0          0      13822           0
     UNPAVED ROADS                        98549          0          0          0           0
     UNPAVED AIRSTRIPS                        6          0          0          0           0
     TOTAL (MISCELLANEOUS)               100722         14        442      18878       13507

GRAND TOTAL
***********

     AREA SOURCES                        114154       7869      49088      49320      186671

     POINT SOURCES                         8142      27983      47287       9864       67913

     TOTAL                               122296      35852      96375      59184      254584
```

```
*** C18 ***                                                                                                              *** C18 ***
          CIVIL                                 13              7              21             304           13948
          COMMERCIAL                           207            453            4229            4733           10550
          TOTAL (AIRCRAFT)                     317            469            4309            5207           24806

      VESSELS

          DIESEL FUEL                         1050           1310            9783            2567            3422
          RESIDUAL OIL                        1764          23225            3816             265             128
          GASOLINE                               0             50             184            7404           23264
          TOTAL (VESSELS)                     2814          24585           13783           10236           26814

      TOTAL (TRANSPORTATION)                340044          47178          388890          476600         4417731

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                         329              2              78             466            2713
      FOREST MANAGED BURNING                    71              0              15              65             402
      STRUCTURAL FIRES                        4860             12             579            3634           19770
      GASOLINE STA EVAP LOSS                     0              0               0           53205               0
      SOLVENT EVAPORATION LOSS                   0              0               0          624906               0
      UNPAVED ROADS                          33126              0               0               0               0
      UNPAVED AIRSTRIPS                         33              0               0               0               0
      TOTAL (MISCELLANEOUS)                  38419             14             672          682276           22885

GRAND TOTAL
***********

      AREA SOURCES                          411208         153509          479562         1186892         4532510

      POINT SOURCES                          58223         238736          235683          200884          144925

      TOTAL                                 469431         392245          715245         1387776         4677435
```

```
         DISTILLATE OIL
              AREA SOURCES              1            41            21             0             2
              POINT SOURCES           116           510           376            22            35
         NATURAL GAS
              POINT SOURCES            20            29           218            11            25
         LIQUID PETROL GAS
              POINT SOURCES             1             0             1             0             0
         TOTAL (COMM-INST)
              AREA SOURCES             90          1254           328             2            27
              POINT SOURCES           862          2210          1560           144           391

    TOTAL (EXTERNAL COMB)
              AREA SOURCES           6925         13247         28971          8056          6816
              POINT SOURCES         19981         54647         46792           919          4081

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

         DISTILLATE OIL                 2             2            34             3             7
         NATURAL GAS                    4             0           323           104            55
         TOTAL (ELEC GEN)               6             2           357           107            62

    TOTAL (INTERNAL COMB)               6             2           357           107            62

  TOTAL (FUEL COMBUSTION)

              AREA SOURCES           6925         13247         28971          8056          6816
              POINT SOURCES         19987         54649         47149          1026          4143

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING               38         28782            88             2             2
  FOOD/AGRICULTURAL                    30             0             0             0             0
  PRIMARY METAL                     34283          4352             1             1          3258
  SECONDARY METALS                   1657             3            23             1         10225
  MINERAL PRODUCTS                  16189          6918          1893           442           260
  PETROLEUM INDUSTRY                  917         11811          2992          4768         11786
  WOOD PRODUCTS                       990             0             0             0             0
  ORGANIC SOLVENT EVAPORATION           0             0             0           170             0
  PETROLEUM STORAGE/TRANSPORT           0             0             0          2821             0
  OTHER/NOT CLASSIFIED                460          1167          4634            69           383
  TOTAL (INDUSTRIAL)                54564         53033          9631          8274         25914

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

    MUNICIPAL INCINERATION            165            82            65           491           655
    OPEN BURNING                        2             0             1             3            10
    TOTAL (GOVERNMENT)                167            82            66           494           665

  RESIDENTIAL (AREA)

    ON SITE INCINERATION             1228            16            38          3451         10351
    OPEN BURNING                      970            34           243          1304          4147
    TOTAL (RESIDENTIAL)              2198            50           281          4755         14498

  COMMERCIAL-INSTITUTIONAL

    ON SITE INCINERATION
           AREA SOURCES               114            31            54            65           160
    TOTAL (COMM-INST)
           AREA SOURCES               114            31            54            65           160
    TOTAL                                  205188          93377          103121          112581          627225
```

RESIDUAL OIL					
POINT SOURCES	1024	13687	3092	49	256
DISTILLATE OIL					
AREA SOURCES	86	1339	1024	43	229
POINT SOURCES	77	3680	801	34	181
NATURAL GAS					
AREA SOURCES	160	5	1981	121	328
POINT SOURCES	6	0	103	0	8
TOTAL (COMM-INST)					
AREA SOURCES	303	1488	3064	164	560
POINT SOURCES	1765	18836	4616	124	527
TOTAL (EXTERNAL COMB)					
AREA SOURCES	12343	21655	25019	4584	55946
POINT SOURCES	39510	346076	151255	3244	20456
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	81	664	1107	91	248
NATURAL GAS	13	0	362	37	101
TOTAL (ELEC GEN)	94	664	1469	128	349
ENGINE-TESTING					
TOTAL (ENG TESTNG)	4	13	15	46	33
TOTAL (INTERNAL COMB)	98	677	1484	174	382
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	12343	21655	25019	4584	55946
POINT SOURCES	39608	346753	152739	3418	20838
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	3921	4821	17308	19580	1177
FOOD/AGRICULTURAL	3339	563	126	2031	24
PRIMARY METAL	1857	1169	25	1216	696
SECONDARY METALS	1069	731	89	148	25479
MINERAL PRODUCTS	46136	1884	1103	669	1611
PETROLEUM INDUSTRY	459	2332	1061	1014	162
WOOD PRODUCTS	5551	6410	1053	5339	34095
ORGANIC SOLVENT EVAPORATION	952	12	74	47141	3
PETROLEUM STORAGE/TRANSPORT	1431	4775	991	14187	1
METAL FABRICATION	146	0	125	26	0
TEXTILE MANUFACTURING	62	0	0	1191	0
OTHER/NOT CLASSIFIED	1084	2220	44	5673	6
TOTAL (INDUSTRIAL)	66007	24917	21999	98215	63254
SOLID WASTE DISPOSAL *********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	150	76	91	63	1069
OPEN BURNING	19	1	5	27	76
OTHER INCINERATION	61	27	134	27	0
TOTAL (GOVERNMENT)	230	104	230	117	1145
RESIDENTIAL (AREA)					
ON SITE INCINERATION	236	1	1	686	2104
OPEN BURNING	7976	301	2044	10756	34121

```
          NATURAL GAS
              AREA SOURCES              23          1          263          15          44
              POINT SOURCES              2          0           43           0           3
          TOTAL (COMM-INST)
              AREA SOURCES              54        251          436          22          78
              POINT SOURCES            285       1131          491          21          74

      TOTAL (EXTERNAL COMB)
              AREA SOURCES            2116       4439         5157         917        7702
              POINT SOURCES          12988      49680        23184         591        1669

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES            2116       4439         5157         917        7702
              POINT SOURCES          12988      49680        23184         591        1669

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             1020         33          130       11436          91
   FOOD/AGRICULTURAL                   614          0            0           0           0
   SECONDARY METALS                    659        336           39          23        1161
   MINERAL PRODUCTS                  21162        293          768         548        1551
   WOOD PRODUCTS                       194       1053            0         158           0
   ORGANIC SOLVENT EVAPORATION         138          0            0       13523           0
   PETROLEUM STORAGE/TRANSPORT          78          0            0         321           0
   TEXTILE MANUFACTURING                21          0            0          57           0
   OTHER/NOT CLASSIFIED                419       2198           18        2706           2
   TOTAL (INDUSTRIAL)                24305       3913          955       28772        2805

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION             38          0            0         110         337
       OPEN BURNING                   1992         76          512        2686        8527
       TOTAL (RESIDENTIAL)            2030         76          512        2796        8864

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
              AREA SOURCES              58         15           27          33          77
              POINT SOURCES             12          0            0           0           0
       TOTAL (COMM-INST)
              AREA SOURCES              58         15           27          33          77
              POINT SOURCES             12          0            0           0           0

   INDUSTRIAL

       ON SITE INCINERATION
              AREA SOURCES              60         12           12          52          78
              POINT SOURCES             18          5           13          17          20
       OPEN BURNING
              AREA SOURCES               9          0            1          10          45
       TOTAL (INDUSTRIAL)
              AREA SOURCES              69         12           13          62         123
              POINT SOURCES             18          5           13          17          20

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES            2157        103          552        2891        9064
              POINT SOURCES             30          5           13          17          20

TRANSPORTATION (AREA)
*********************
```

*** D06 *** *** D06 ***

HEAVY DUTY VEHICLES	833	414	4143	511	1439
OFF HIGHWAY	326	275	3302	486	979
RAIL	95	217	1407	358	495
TOTAL (DIESEL)	1254	906	8852	1355	2913
AIRCRAFT					
MILITARY	73	6	43	129	232
CIVIL	1	0	3	39	1804
COMMERCIAL	13	29	267	299	668
TOTAL (AIRCRAFT)	87	35	313	467	2704
VESSELS					
DIESEL FUEL	22	29	209	55	74
GASOLINE	0	7	28	1127	3536
TOTAL (VESSELS)	22	36	237	1182	3610
TOTAL (TRANSPORTATION)	11218	1519	22893	23151	180181
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	221	2	51	311	1814
FOREST MANAGED BURNING	5135	38	1027	4622	28756
AGRICULTURAL BURNING	468	0	65	553	3078
STRUCTURAL FIRES	90	0	10	68	370
GASOLINE STA EVAP LOSS	0	0	0	1966	0
SOLVENT EVAPORATION LOSS	0	0	0	8889	0
UNPAVED ROADS	7029	0	0	0	0
UNPAVED AIRSTRIPS	39	0	0	0	0
TOTAL (MISCELLANEOUS)	12982	40	1153	16409	34018
GRAND TOTAL ***********					
AREA SOURCES	27323	4936	28074	44228	230620
POINT SOURCES	14772	6199	9087	2759	17682
TOTAL	42095	11135	37161	46987	248302

DIESEL FUEL	33	42	313	83	109
GASOLINE	0	1	6	274	862
TOTAL (VESSELS)	33	43	319	357	971
TOTAL (TRANSPORTATION)	3524	850	9728	6848	49466
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	39	0	9	55	321
STRUCTURAL FIRES	44	0	5	32	177
GASOLINE STA EVAP LOSS	0	0	0	717	0
SOLVENT EVAPORATION LOSS	0	0	0	4377	0
UNPAVED ROADS	26635	0	0	0	0
TOTAL (MISCELLANEOUS)	26718	0	14	5181	498
GRAND TOTAL ***********					
AREA SOURCES	30978	1213	15760	14445	53663
POINT SOURCES	11040	33676	7167	226	90616
TOTAL	42018	34889	22927	14671	144279

```
*** D09 ***                                                                                              *** D09 ***
                 POINT SOURCES              179           1721           399            39            65

      TOTAL (FUEL COMBUSTION)

                 AREA SOURCES               187            512          2589           756          1137
                 POINT SOURCES              179           1721           399            39            65

INDUSTRIAL PROCESS (POINT)
**************************

      SECONDARY METALS                       10              0             0             0             0
      MINERAL PRODUCTS                     1021           1752          1786             0             0
      METAL FABRICATION                      24              0             0             0             0
      OTHER/NOT CLASSIFIED                    0           2064             0             0             0
      TOTAL (INDUSTRIAL)                   1055           3816          1786             0             0

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

         ON SITE INCINERATION                 3              0             0             9            29
         OPEN BURNING                       239              9            61           323          1021
         TOTAL (RESIDENTIAL)                242              9            61           332          1050

      INDUSTRIAL

         OPEN BURNING
                  AREA SOURCES                1              0             0             1             5
         TOTAL (INDUSTRIAL)
                  AREA SOURCES                1              0             0             1             5

      TOTAL (SOLID WASTE DISP)
                  AREA SOURCES              243              9            61           333          1055

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

         GASOLINE

            LIGHT DUTY VEHICLES             931             68          1700          2109         15379
            LIGHT DUTY TRUCKS               228             23           521           538          3519
            HEAVY DUTY VEHICLES              42              6           202           175          2401
            OFF HIGHWAY                       8              3            73           265          2842
            TOTAL (GASOLINE)               1209            100          2496          3087         24141

         DIESEL

            HEAVY DUTY VEHICLES              48             28           273            26            77
            OFF HIGHWAY                      92             77           929           136           275
            RAIL                             92            211          1368           347           481
            TOTAL (DIESEL)                  232            316          2570           509           833

      AIRCRAFT

         MILITARY                            35              3            21            62           112
         CIVIL                                0              0             0             3           156
         TOTAL (AIRCRAFT)                    35              3            21            65           268

      VESSELS

         GASOLINE                             0              0             1            35           109
         TOTAL (VESSELS)                      0              0             1            35           109
```

```
*** D10 ***                                                                                    *** D10 ***

                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

STATE EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                            AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE 51:WISCONSIN                                     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES          SOX          NOX           HC           CO
                             ************  ************  ************  ************  ************
                              TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 701          8106          5065           287          1409
         NATURAL GAS                    687            36          5534           555          1391
         WOOD                          2410            48            97           487         17307
         TOTAL (RESIDENTIAL)           3798          8190         10696          1329         20107

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              17364        484152        136354          1865          6169
         RESIDUAL OIL                    10           519           220             1            11
         DISTILLATE OIL                  19           393           488             9            48
         NATURAL GAS                     59             4          4992             7           124
         OTHER                           26             1            11             2             2
         TOTAL (ELEC GEN)             17478        485069        142065          1884          6354

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             24455        108153         29914          1152          3004
         RESIDUAL OIL
            POINT SOURCES               835         18357          3189            72           306
         DISTILLATE OIL
            AREA SOURCES                  1            22            31             0             1
            POINT SOURCES                65          1738           620            26           143
         NATURAL GAS
            AREA SOURCES                369            18         11083          1990          1238
            POINT SOURCES               168             9          5662            46           343
         PROCESS GAS
            POINT SOURCES                 6            19             7             1             6
         WOOD
            POINT SOURCES              4525           692          4659           942           964
         LIQUID PETROL GAS
            POINT SOURCES                 7            28            51             1             6
         OTHER
            POINT SOURCES               133         16386           763             4            13
         TOTAL (INDUSTRIAL)
            AREA SOURCES                370            40         11114          1990          1239
            POINT SOURCES             30194        145382         44865          2244          4785

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                  0             2             0             0             0
```

```
*** D11 ***                                                                                   *** D11 ***
            POINT SOURCES               2          0          0          2          2
     OPEN BURNING
            AREA SOURCES               10          0          2         15         60
     TOTAL (INDUSTRIAL)
            AREA SOURCES               33          3          5         36         92
            POINT SOURCES               2          0          0          2          2

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES             1120         52        237       1855       5693
            POINT SOURCES              12          0          0          8         10

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

          LIGHT DUTY VEHICLES        7220        419      10654      13065     104836
          LIGHT DUTY TRUCKS          2253        193       4612       5075      35550
          HEAVY DUTY VEHICLES         592         71       2602       2483      33844
          OFF HIGHWAY                 135         72       1322       4763      51061
          TOTAL (GASOLINE)          10200        755      19190      25386     225291

     DIESEL

          HEAVY DUTY VEHICLES        1215        630       6527        762       2088
          OFF HIGHWAY                 419        353       4236        623       1256
          RAIL                         89        199       1292        329        454
          TOTAL (DIESEL)             1723       1182      12055       1714       3798

   AIRCRAFT

        MILITARY                        5          0          3          8         15
        CIVIL                           0          0          1         33       1537
        COMMERCIAL                      3          7         63         70        157
        TOTAL (AIRCRAFT)                8          7         67        111       1709

   VESSELS

        GASOLINE                        0         14         54       2182       6854
        TOTAL (VESSELS)                 0         14         54       2182       6854

   TOTAL (TRANSPORTATION)           11931       1958      31366      29393     237652

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    46          0         10         64        373
   STRUCTURAL FIRES                   146          0         18        107        592
   GASOLINE STA EVAP LOSS               0          0          0       3182          0
   SOLVENT EVAPORATION LOSS             0          0          0      13813          0
   UNPAVED ROADS                    93112          0          0          0          0
   TOTAL (MISCELLANEOUS)            93304          0         28      17166        965

GRAND TOTAL
***********

   AREA SOURCES                    107316       3784      34417      48825     249881

   POINT SOURCES                     7311      80133      14988       6139       2728

   TOTAL                           114627      83917      49405      54964     252609
```

POINT SOURCES	0	11	4	0	0
NATURAL GAS					
AREA SOURCES	159	8	1918	127	321
POINT SOURCES	13	1	424	2	21
TOTAL (COMM-INST)					
AREA SOURCES	209	718	2333	143	404
POINT SOURCES	904	1550	1046	38	95
TOTAL (EXTERNAL COMB)					
AREA SOURCES	926	3018	10518	1251	2382
POINT SOURCES	6200	202598	45809	738	2627
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	35	283	476	39	108
NATURAL GAS	7	0	508	129	104
TOTAL (ELEC GEN)	42	283	984	168	212
INDUSTRIAL FUEL					
NATURAL GAS	0	0	74	5	0
TOTAL (INDUSTRIAL)	0	0	74	5	0
ENGINE-TESTING					
TOTAL (ENG TESTNG)	7	7	57	93	256
TOTAL (INTERNAL COMB)	49	290	1115	266	468
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	926	3018	10518	1251	2382
POINT SOURCES	6249	202888	46924	1004	3095
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	40	0	52	910	0
FOOD/AGRICULTURAL	266	123	106	82	25
PRIMARY METAL	554	503	177	626	189
SECONDARY METALS	1680	665	1158	359	8139
MINERAL PRODUCTS	28229	9372	2436	7	8
ORGANIC SOLVENT EVAPORATION	5	1	101	23844	16
PETROLEUM STORAGE/TRANSPORT	0	0	0	3001	0
METAL FABRICATION	1	0	11	873	3
OTHER/NOT CLASSIFIED	0	261	1	2	0
TOTAL (INDUSTRIAL)	30775	10925	4042	29704	8380
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	239	84	84	55	1099
OTHER INCINERATION	11	18	112	9	0
TOTAL (GOVERNMENT)	250	102	196	64	1099
RESIDENTIAL (AREA)					
ON SITE INCINERATION	2201	35	69	6189	18566
OPEN BURNING	3044	112	780	4109	13033
TOTAL (RESIDENTIAL)	5245	147	849	10298	31599
COMMERCIAL-INSTITUTIONAL					

```
*** D13 ***
        OFF HIGHWAY                           10          5          93        336       3601
        TOTAL (GASOLINE)                    3989        192        3266       8652      98844

     DIESEL

        HEAVY DUTY VEHICLES                 1429        616        6082       1755       3884
        OFF HIGHWAY                          128        108        1299        191        385
        RAIL                                 306        696        4523       1149       1590
        TOTAL (DIESEL)                      1863       1420       11904       3095       5859

   AIRCRAFT

     MILITARY                                  4          0           2          7         12
     CIVIL                                     1          0           1         18        817
     COMMERCIAL                                4          8          72         80        179
     TOTAL (AIRCRAFT)                          9          8          75        105       1008

   VESSELS

     GASOLINE                                  0          1           3        126        396
     TOTAL (VESSELS)                           0          1           3        126        396

   TOTAL (TRANSPORTATION)                   5861       1621       15248      11978     106107

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                          452          4         106        637       3715
   FOREST MANAGED BURNING                     51          0          10         46        286
   STRUCTURAL FIRES                           30          0           3         22        121
   GASOLINE STA EVAP LOSS                      0          0           0        694          0
   SOLVENT EVAPORATION LOSS                    0          0           0       1141          0
   UNPAVED ROADS                          114315          0           0          0          0
   UNPAVED AIRSTRIPS                          39          0           0          0          0
   TOTAL (MISCELLANEOUS)                  114887          4         119       2540       4122

GRAND TOTAL
***********

   AREA SOURCES                           121464       3231       26662      18813     113304

   POINT SOURCES                            3539      50050       35284      11752      52595

   TOTAL                                  125003      53281       61946      30565     165899
```

```
          POINT SOURCES                    0            1            0            0            0
      NATURAL GAS
          AREA SOURCES                    19            0          239           14           39
          POINT SOURCES                    1            0           18            1            2
      TOTAL (COMM-INST)
          AREA SOURCES                    46          374          353           14           53
          POINT SOURCES                    1            1           18            1            2

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                  3365         2820         3514         1227        19468
          POINT SOURCES                35494       210079       204508         3239        28877

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL                     1            1           10            1            2
        NATURAL GAS                        1            0          232           93           30
        TOTAL (ELEC GEN)                   2            1          242           94           32

    INDUSTRIAL FUEL

        DISTILLATE OIL                     1            1           10            1            2
        NATURAL GAS                      149            2        22692         8622         1835
        TOTAL (INDUSTRIAL)               150            3        22702         8623         1837

    TOTAL (INTERNAL COMB)                152            4        22944         8717         1869

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                  3365         2820         3514         1227        19468
          POINT SOURCES                35646       210083       227452        11956        30746

INDUSTRIAL PROCESS (POINT)
****************************

  FOOD/AGRICULTURAL                      287            0            0            0            0
  MINERAL PRODUCTS                      3897         1826          727          190           43
  PETROLEUM INDUSTRY                     152         6127          973         1269          271
  WOOD PRODUCTS                          374         1458          436            0        10293
  ORGANIC SOLVENT EVAPORATION              0            0            0          806            0
  PETROLEUM STORAGE/TRANSPORT              0            0            0         6731            0
  OTHER/NOT CLASSIFIED                     4          164            0            1           34
  TOTAL (INDUSTRIAL)                    4714         9575         2136         8997        10641

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

      ON SITE INCINERATION               545            7           17         1531         4591
      OPEN BURNING                       501           17          126          673         2140
      TOTAL (RESIDENTIAL)               1046           24          143         2204         6731

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                  20            5            8           12           30
            POINT SOURCES                177            3           25          279         3293
      OPEN BURNING
            AREA SOURCES                   2            0            1            5           13
      TOTAL (COMM-INST)
            AREA SOURCES                  22            5            9           17           43
            POINT SOURCES                177            3           25          279         3293

  INDUSTRIAL
```

```
*** E01 ***                                                                                          *** E01 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            67          12          12          61          89
                POINT SOURCES          138           2          23         222        2585
        OPEN BURNING
                POINT SOURCES            2           0           1           3          20
        TOTAL (INDUSTRIAL)
                AREA SOURCES            67          12          12          61          89
                POINT SOURCES          140           2          24         225        2605

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES          2379          93         347        4881       14747
                POINT SOURCES          307          84          90         719        3270

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES      23042         883       15643       44171      489765
            LIGHT DUTY TRUCKS         9371         557        9036       22192      223631
            HEAVY DUTY VEHICLES       1187         100        2182        5608       95685
            OFF HIGHWAY                 91          48         895        3221       34549
            TOTAL (GASOLINE)         33691        1588       27756       75192      843630

        DIESEL

            HEAVY DUTY VEHICLES       4240        1795       17748        5198       11665
            OFF HIGHWAY                875         733        8841        1301        2616
            RAIL                       820        1869       12121        3079        4260
            TOTAL (DIESEL)            5935        4397       38710        9578       18541

    AIRCRAFT

        MILITARY                       397          37         239         707        1274
        CIVIL                            3           0           4          78        3618
        COMMERCIAL                      27          59         552         617        1375
        TOTAL (AIRCRAFT)               427          96         795        1402        6267

    VESSELS

        GASOLINE                         0          14          53        2305        7242
        TOTAL (VESSELS)                  0          14          53        2305        7242

    TOTAL (TRANSPORTATION)           40053        6095       67314       88477      875680

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   834           5         198        1180        6865
    FOREST MANAGED BURNING            7188          56        1438        6467       40255
    STRUCTURAL FIRES                   303           0          32         225        1233
    GASOLINE STA EVAP LOSS               0           0           0        6771           0
    SOLVENT EVAPORATION LOSS             0           0           0       35113           0
    UNPAVED ROADS                   568317           0           0           0           0
    UNPAVED AIRSTRIPS                  119           0           0           0           0
    TOTAL (MISCELLANEOUS)           576761          61        1668       49756       48353

GRAND TOTAL
***********

    AREA SOURCES                    626118       19496       98300      151170      945596
```

TOTAL (RESIDENTIAL)	8212	302	2045	11442	36225
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	326	89	154	187	466
POINT SOURCES	87	123	186	147	717
TOTAL (COMM-INST)					
AREA SOURCES	326	89	154	187	466
POINT SOURCES	87	123	186	147	717
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	379	76	76	331	499
POINT SOURCES	329	856	173	152	882
OPEN BURNING					
AREA SOURCES	32	0	3	36	165
TOTAL (INDUSTRIAL)					
AREA SOURCES	411	76	79	367	664
POINT SOURCES	329	856	173	152	882
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	8949	467	2278	11996	37355
POINT SOURCES	646	1083	589	416	2744
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	94537	3978	95165	135199	1158747
LIGHT DUTY TRUCKS	17767	1199	26936	32130	234321
HEAVY DUTY VEHICLES	5493	514	17038	20200	277726
OFF HIGHWAY	383	198	3763	13539	145232
TOTAL (GASOLINE)	118180	5889	142902	201068	1816026
DIESEL					
HEAVY DUTY VEHICLES	11924	5597	53130	6734	19563
OFF HIGHWAY	5387	4515	54486	8008	16123
RAIL	1289	2929	19000	4827	6680
TOTAL (DIESEL)	18600	13041	126616	19569	42366
AIRCRAFT					
MILITARY	955	91	574	1700	3060
CIVIL	4	0	8	180	8527
COMMERCIAL	44	95	890	996	2221
TOTAL (AIRCRAFT)	1003	186	1472	2876	13808
VESSELS					
DIESEL FUEL	438	548	4075	1072	1423
RESIDUAL OIL	388	5125	842	59	28
GASOLINE	0	56	233	9314	29259
TOTAL (VESSELS)	826	5729	5150	10445	30710
TOTAL (TRANSPORTATION)	138609	24845	276140	233958	1902910
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	835	1	194	1171	6838

```
                                                NATIONAL EMISSIONS DATA SYSTEM
                                                ******************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                                *******************************

STATE/AQCR EMISSIONS REPORT                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:48 VIRGINIA      AQCR:223 HAMPTON ROADS                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                        PARTICULATES      SOX           NOX           HC            CO      
                                        ************  ************  ************  ************  ************
                                          TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR 

FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

    RESIDENTIAL FUEL (AREA)

      DISTILLATE OIL                             152          1741          1088            60           302
      NATURAL GAS                                 68             5           556            55           138
      WOOD                                       454             9            18            91          3267
      TOTAL (RESIDENTIAL)                        674          1755          1662           206          3707

    ELEC GENERATION (POINT)

      BITUMINOUS COAL                            382          1355           628            11            35
      RESIDUAL OIL                               606         60169         26224           249          1249
      DISTILLATE OIL                               1            71            63             1            10
      NATURAL GAS                                  0             0           436             1            11
      OTHER                                        2             2            16             3             3
      TOTAL (ELEC GEN)                           991         61597         27367           265          1308

    INDUSTRIAL FUEL

      BITUMINOUS COAL
           AREA SOURCES                          538          1703           896            26            60
           POINT SOURCES                          32          1836           854            43            91
      RESIDUAL OIL
           POINT SOURCES                        1423         24361          3923            66           328
      DISTILLATE OIL
           POINT SOURCES                           8           266            89             3            21
      NATURAL GAS
           AREA SOURCES                           26             0          1330           374           164
           POINT SOURCES                           3             0            62             0             3
      WOOD
           POINT SOURCES                         722           280          1864           373           373
      TOTAL (INDUSTRIAL)
           AREA SOURCES                          564          1703          2226           400           224
           POINT SOURCES                        2188         26743          6792           485           816

    COMM-INSTITUTIONAL FUEL


      ANTHRACITE COAL
           AREA SOURCES                            2             5             2             0             0
      BITUMINOUS COAL
           POINT SOURCES                         120           262           113             7            15
      RESIDUAL OIL
           POINT SOURCES                         784         10501          2129            34           176
      DISTILLATE OIL
           AREA SOURCES                           20           291           221            10            50
  LAND VEHICLES

    GASOLINE

      LIGHT DUTY VEHICLES          11440        565      13796      18930     154381
      LIGHT DUTY TRUCKS             3065        221       5025       5878      42046
      HEAVY DUTY VEHICLES            835         85       2791       3139      43040
      OFF HIGHWAY                     64         33        633       2279      24440
      TOTAL (GASOLINE)             15404        904      22245      30226     263907

    DIESEL

      HEAVY DUTY VEHICLES           2466       1179      11325       1423       4119
      OFF HIGHWAY                    830        697       8416       1236       2487
      RAIL                           180        406       2639        669        927
      TOTAL (DIESEL)                3476       2282      22380       3328       7533

  AIRCRAFT

    CIVIL                              0          0          0         20        956
    TOTAL (AIRCRAFT)                   0          0          0         20        956

  VESSELS

    GASOLINE                           0          1          3        128        401
    TOTAL (VESSELS)                    0          1          3        128        401

  TOTAL (TRANSPORTATION)           18880       3187      44628      33702     272797

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                   170          0         40        242       1402
  FOREST MANAGED BURNING               1          0          0          1          8
  STRUCTURAL FIRES                   137          0         17        101        555
  GASOLINE STA EVAP LOSS               0          0          0       4135          0
  SOLVENT EVAPORATION LOSS             0          0          0      31041          0
  UNPAVED ROADS                    33154          0          0          0          0
  TOTAL (MISCELLANEOUS)            33462          0         57      35520       1965

GRAND TOTAL
***********

  AREA SOURCES                     56615       7729      50394      73030     291528

  POINT SOURCES                    37323      53598      24152      29380       4494

  TOTAL                            93938      61327      74546     102410     296022
```

```
*** E06 ***                                                                                                    *** E06 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

STATE/AQCR EMISSIONS REPORT                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:49 WASHINGTON      AQCR:227 NORTHERN WASHINGTON                  POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981

                                     PARTICULATES        SOX             NOX             HC              CO
                                     ************    ************    ************    ************    ************
                                      TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                       4               4               0               4              17
         DISTILLATE OIL                       10             165              70               4              20
         NATURAL GAS                           6               0              44               4              12
         WOOD                                873              17              35             175            6282
         TOTAL (RESIDENTIAL)                 893             186             149             187            6331

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES                     35              58              34               1               2
         RESIDUAL OIL
             AREA SOURCES                      9             123              30               0               2
             POINT SOURCES                     4               4              22               0               2
         DISTILLATE OIL
             AREA SOURCES                      4              71              58               3               8
         NATURAL GAS
             AREA SOURCES                      3               0             198              55              24
             POINT SOURCES                     0               0               9               0               1
         WOOD
             POINT SOURCES                  5063             341            2275             455             455
         TOTAL (INDUSTRIAL)
             AREA SOURCES                     51             252             320              59              36
             POINT SOURCES                  5067             345            2306             455             458

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
             AREA SOURCES                      5               4               3               0               0
         RESIDUAL OIL
             AREA SOURCES                     14             201              50               0               4
         DISTILLATE OIL
             AREA SOURCES                      2              53              28               0               7
         NATURAL GAS
             AREA SOURCES                      4               0              50               3               9
         TOTAL (COMM-INST)
             AREA SOURCES                     25             258             131               3              20

      TOTAL (EXTERNAL COMB)
             AREA SOURCES                    969             696             600             249            6387
             POINT SOURCES                  5067             345            2306             455             458

   TOTAL (FUEL COMBUSTION)
```

```
*** E09 ***
    TOTAL (TRANSPORTATION)            1476        419        5088        3696        25351

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    30          0           7          41          241
    STRUCTURAL FIRES                    22          0           2          16           89
    GASOLINE STA EVAP LOSS               0          0           0         357            0
    SOLVENT EVAPORATION LOSS             0          0           0        2025            0
    UNPAVED ROADS                     3507          0           0           0            0
    TOTAL (MISCELLANEOUS)             3559          0           9        2439          330

GRAND TOTAL
***********

    AREA SOURCES                      5465        940        7747        7224        27873

    POINT SOURCES                     1234       5537        2185          39           65

    TOTAL                             6699       6477        9932        7263        27938
```

BITUMINOUS COAL					
POINT SOURCES	2327	7288	1143	155	415
RESIDUAL OIL					
AREA SOURCES	46	716	190	1	6
POINT SOURCES	19	309	128	2	12
DISTILLATE OIL					
AREA SOURCES	93	1346	1025	37	234
POINT SOURCES	36	287	83	12	43
NATURAL GAS					
AREA SOURCES	366	15	4348	289	727
POINT SOURCES	30	1	1961	5	73
TOTAL (COMM-INST)					
AREA SOURCES	505	2079	5563	327	967
POINT SOURCES	2412	7885	3315	174	543
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4673	10309	27373	3646	22313
POINT SOURCES	50084	638336	190245	4302	11682
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	191	1884	2519	198	562
NATURAL GAS	24	0	1158	194	240
TOTAL (ELEC GEN)	215	1884	3677	392	802
INDUSTRIAL FUEL					
DISTILLATE OIL	37	117	192	11	20
NATURAL GAS	1	0	250	28	3
TOTAL (INDUSTRIAL)	38	117	442	39	23
ENGINE-TESTING					
TOTAL (ENG TESTNG)	18	17	148	206	554
TOTAL (INTERNAL COMB)	271	2018	4267	637	1379
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4673	10309	27373	3646	22313
POINT SOURCES	50355	640354	194512	4939	13061

INDUSTRIAL PROCESS (POINT)
****

CHEMICAL MANUFACTURING	983	498	522	1122	144
FOOD/AGRICULTURAL	3470	178	174	124	88
PRIMARY METAL	554	503	177	626	189
SECONDARY METALS	2828	1199	1482	781	19166
MINERAL PRODUCTS	46752	11668	3168	167	95
PETROLEUM INDUSTRY	12	831	397	524	54
WOOD PRODUCTS	8574	22034	3062	201	8403
ORGANIC SOLVENT EVAPORATION	15	1	172	55435	844
PETROLEUM STORAGE/TRANSPORT	0	0	0	11439	0
METAL FABRICATION	37	0	14	873	4
TEXTILE MANUFACTURING	117	0	1	0	0
OTHER/NOT CLASSIFIED	72	887	88	203	26
TOTAL (INDUSTRIAL)	63414	37799	9257	71495	29013

SOLID WASTE DISPOSAL
****

GOVERNMENT (POINT)

```
        ON SITE INCINERATION
                AREA SOURCES               1503            476            712            872           2058
                POINT SOURCES                89              2             44              0              0
        OPEN BURNING
                AREA SOURCES                 56              3             20            105            293
        TOTAL (COMM-INST)
                AREA SOURCES               1559            479            732            977           2351
                POINT SOURCES                89              2             44              0              0

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 53             12             12             46             69
                POINT SOURCES                 3              2             12              2              2
        OPEN BURNING
                AREA SOURCES                 67              2             23            117            409
        TOTAL (INDUSTRIAL)
                AREA SOURCES                120             14             35            163            478
                POINT SOURCES                 3              2             12              2              2

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               6924            640           1616          11438          34428
                POINT SOURCES               342            106            252             66           1101

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           36684           1204          29164          46377         441537
            LIGHT DUTY TRUCKS              5099            244           5583           8243          68511
            HEAVY DUTY VEHICLES            1653            123           4090           6121          83689
            OFF HIGHWAY                     105             55           1042           3750          40216
            TOTAL (GASOLINE)              43541           1626          39879          64491         633953

        DIESEL

            HEAVY DUTY VEHICLES            3764           1512          15737           2415           6621
            OFF HIGHWAY                     388            325           3917            575           1159
            RAIL                            269            611           3966           1008           1395
            TOTAL (DIESEL)                 4421           2448          23620           3998           9175

    AIRCRAFT

        MILITARY                             24              2             14             42             75
        CIVIL                                 3              0              3             64           2903
        COMMERCIAL                           24             52            487            545           1214
        TOTAL (AIRCRAFT)                     51             54            504            651           4192

    VESSELS

        DIESEL FUEL                          45             55            417            110            146
        RESIDUAL OIL                         35            467             77              5              3
        GASOLINE                              0              3             17            672           2114
        TOTAL (VESSELS)                      80            525            511            787           2263

    TOTAL (TRANSPORTATION)                48093           4653          64514          69927         649583

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          0              0              0              0              1
    STRUCTURAL FIRES                        502              1             60            377           2043
```

```
                                                NATIONAL EMISSIONS DATA SYSTEM
                                               ********************************

                                               ENVIRONMENTAL PROTECTION AGENCY
                                              *********************************

STATE EMISSIONS REPORT                                                        RUN DATE:   TUESDAY     JANUARY 26, 1982
****************************                                       AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE 55:VIRGIN ISLANDS                                           POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981

                                   PARTICULATES        SOX             NOX              HC              CO
                                   ************    ************    ************    ************    ************
                                    TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        INDUSTRIAL FUEL

            RESIDUAL OIL
                POINT SOURCES              233            3090            1095              18              91
            DISTILLATE OIL
                AREA SOURCES                 0               3               2               0               0
                POINT SOURCES                0               5               1               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES                 0               3               2               0               0
                POINT SOURCES              233            3095            1096              18              91

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                POINT SOURCES                0              20               3               0               1
            TOTAL (COMM-INST)
                POINT SOURCES                0              20               3               0               1

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                 0               3               2               0               0
                POINT SOURCES              233            3115            1099              18              92

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                 0               3               2               0               0
                POINT SOURCES              233            3115            1099              18              92

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 201              74               0               0               0
    MINERAL PRODUCTS                       860               0               0               0               0
    PETROLEUM INDUSTRY                     211             754             843              31              49
    OTHER/NOT CLASSIFIED                    30              74               0               0               0
    TOTAL (INDUSTRIAL)                    1302             902             843              31              49

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           1617             102            2318            2884           22017
            LIGHT DUTY TRUCKS              308              26             541             641            4335
```

```
*** E15 ***                                                                                          *** E15 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

AQCR EMISSIONS REPORT                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
*********************                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:007 TENNESSEE RIVER VALLEY-CUMBERLAND MOUNTAINS         POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX           NOX           HC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               172           653            27           172           773
         DISTILLATE OIL                  0            24            14             0             1
         NATURAL GAS                    88             2           706            69           182
         WOOD                          783            14            34           161          5598
         TOTAL (RESIDENTIAL)          1043           693           781           402          6554

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              5426        296528         53777           895          2986
         DISTILLATE OIL                  0            14            10             0             2
         OTHER                          40            47           311            62            62
         TOTAL (ELEC GEN)             5466        296589         54098           957          3050

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              2326         13754          3621           108           237
            POINT SOURCES              535         25841          5172           320           671
         RESIDUAL OIL
            POINT SOURCES             1761         22917          5917            98           364
         DISTILLATE OIL
            AREA SOURCES                92           897          1089            57           155
            POINT SOURCES               84           244           113            12            20
         NATURAL GAS
            AREA SOURCES               165             8         17804          6427          2348
            POINT SOURCES              108            15          3190            30            93
         WOOD
            POINT SOURCES              632           259          1229          1634          1462
         OTHER
            POINT SOURCES                0             3             1             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              2583         14659         22514          6592          2740
            POINT SOURCES             3120         49279         15622          2094          2610

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                21            49            21             0             1
         BITUMINOUS COAL
            POINT SOURCES              216           433            56             9            32
         RESIDUAL OIL
            AREA SOURCES                 0            13             3             0             0
```

ON SITE INCINERATION					
AREA SOURCES	47	9	9	42	63
POINT SOURCES	260	4	38	410	4842
OPEN BURNING					
AREA SOURCES	22	0	7	37	130
TOTAL (INDUSTRIAL)					
AREA SOURCES	69	9	16	79	193
POINT SOURCES	260	4	38	410	4842
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1137	38	168	2300	6967
POINT SOURCES	437	7	63	689	8135
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	5979	346	6258	14691	151167
LIGHT DUTY TRUCKS	4086	344	5507	11017	102206
HEAVY DUTY VEHICLES	457	52	1180	2187	37552
OFF HIGHWAY	31	15	316	1142	12258
TOTAL (GASOLINE)	10553	757	13261	29037	303183
DIESEL					
HEAVY DUTY VEHICLES	2943	1580	14823	3289	7630
OFF HIGHWAY	255	215	2582	381	762
RAIL	245	560	3615	919	1271
TOTAL (DIESEL)	3443	2355	21020	4589	9663
AIRCRAFT					
MILITARY	7	0	4	12	22
CIVIL	1	0	1	52	2353
COMMERCIAL	21	44	413	462	1029
TOTAL (AIRCRAFT)	29	44	418	526	3404
VESSELS					
GASOLINE	0	6	23	992	3123
TOTAL (VESSELS)	0	6	23	992	3123
TOTAL (TRANSPORTATION)	14025	3162	34722	35144	319373
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	3400	29	802	4802	28007
FOREST MANAGED BURNING	9705	74	1941	8733	54344
STRUCTURAL FIRES	94	0	9	68	375
GASOLINE STA EVAP LOSS	0	0	0	3319	0
SOLVENT EVAPORATION LOSS	0	0	0	6696	0
UNPAVED ROADS	575525	0	0	0	0
UNPAVED AIRSTRIPS	267	0	0	0	0
TOTAL (MISCELLANEOUS)	588991	103	2752	23618	82726
GRAND TOTAL ***********					
AREA SOURCES	607518	6123	41156	62289	428534
POINT SOURCES	40797	219665	229651	21642	49522

```
                                           NATIONAL EMISSIONS DATA SYSTEM
                                           ******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                           *******************************

AQCR EMISSIONS REPORT                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
*************************                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:022 SHREVEPORT-TEXARKANA-TYLER                           POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX            NOX             HC              CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  0              18              6              0              0
         NATURAL GAS                   215               6           1709            168            428
         WOOD                          719              15             29            148           5139
         TOTAL (RESIDENTIAL)           934              39           1744            316           5567

      ELEC GENERATION (POINT)

         LIGNITE                     18179          228008         147037           3151          10503
         RESIDUAL OIL                   99            1083            812              9             96
         DISTILLATE OIL                 15             718            538             20             86
         NATURAL GAS                   904              43          27380             66            607
         PROCESS GAS                     0             933            744              0            218
         TOTAL (ELEC GEN)            19197          230785         176511           3246          11510

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               772            5389           1555             44            100
            POINT SOURCES               77             921              0              0              0
         RESIDUAL OIL
            AREA SOURCES               520            8813           1791             27            146
            POINT SOURCES              208            8179           1837             54             79
         DISTILLATE OIL
            AREA SOURCES                27             371            310             14             44
            POINT SOURCES               59             797            341              7             42
         NATURAL GAS
            AREA SOURCES               345              17          74354          29415          10078
            POINT SOURCES             1478            1602          54470            481           6147
         PROCESS GAS
            POINT SOURCES               26             411            125              2              3
         WOOD
            POINT SOURCES             8307            1804          10718           2183           2266
         LIQUID PETROL GAS
            POINT SOURCES                1               0             10              0              0
         OTHER
            POINT SOURCES               17               0              0              1              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              1664           14590          78010          29500          10368
            POINT SOURCES            10173           13714          67501           2728           8537

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

AQCR EMISSIONS REPORT                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
**************************                                        AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:045 METROPOLITAN PHILADELPHIA                               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES          SOX           NOX            HC            CO
                               ************     ************  ************  ************  ************
                                TONS / YR        TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                346            918           104            87          3107
         DISTILLATE OIL                1564          18028         11267           626          3131
         NATURAL GAS                    618             35          4951           495          1237
         WOOD                           510             11            20           103          3663
         TOTAL (RESIDENTIAL)           3038          18992         16342          1311         11138

      ELEC GENERATION (POINT)

         ANTHRACITE COAL                626            280            66             0             4
         BITUMINOUS COAL              10400         113681         30863           403          1346
         RESIDUAL OIL                   701          33859         38326           404          2022
         DISTILLATE OIL                   6            149           135             5            23
         NATURAL GAS                      7              2          2808             4            68
         PROCESS GAS                      6              0          1699             2            41
         OTHER                          170          27383          2393             4           133
         TOTAL (ELEC GEN)             11916         175354         76290           822          3637

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                 13             36            16             0             1
            POINT SOURCES               273            333           170             1            81
         BITUMINOUS COAL
            AREA SOURCES                821           6389          1611            48           104
         RESIDUAL OIL
            POINT SOURCES              2575          32412         17927           399          1702
         DISTILLATE OIL
            AREA SOURCES                185           1761          2142           115           307
            POINT SOURCES                93           2679           871            45           248
         NATURAL GAS
            AREA SOURCES                212             13         12491          3785          1568
            POINT SOURCES               293              6          2250            31           138
         PROCESS GAS
            POINT SOURCES               258           3576           585            28            16
         LIQUID PETROL GAS
            POINT SOURCES                 0              0             1             0             0
         OTHER
            POINT SOURCES                 1              3             1             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               1231           8199         16260          3948          1980
            POINT SOURCES              3493          39009         21805           504          2185
```

```
*** F01 ***                                                                                                   *** F01 ***
    POINT SOURCES                         74858        107766         56870         10019         33327

    TOTAL                                700976        127262        155170        161189        978923
```

```
*** F02 ***                                                                                                   *** F02 ***

                                               NATIONAL EMISSIONS DATA SYSTEM
                                               ******************************

                                               ENVIRONMENTAL PROTECTION AGENCY
                                               *******************************

                                                                             RUN DATE:   TUESDAY     JANUARY 26, 1982
STATE EMISSIONS REPORT                                          AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
****************************                                   POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981
STATE 47:VERMONT

                                    PARTICULATES        SOX            NOX             HC              CO
                                    ************   ************   ************   ************   ************
                                     TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                 21             58              5              4            193
            DISTILLATE OIL                 191           2213           1382             78            386
            NATURAL GAS                     11              0             95              9             25
            WOOD                          2360             47             95            474          16974
            TOTAL (RESIDENTIAL)           2583           2318           1577            565          17578

        ELEC GENERATION (POINT)

            RESIDUAL OIL                     0             58             25              0              1
            NATURAL GAS                      0              0            190              0              5
            OTHER                           74             60            397             79             79
            TOTAL (ELEC GEN)                74            118            612             79             85

        INDUSTRIAL FUEL

            ANTHRACITE COAL
                AREA SOURCES                15             45             19              0              0
                POINT SOURCES                1              3              1              0              0
            BITUMINOUS COAL
                AREA SOURCES                 3             36             21              0              0
            RESIDUAL OIL
                AREA SOURCES                25            424             94              0              8
                POINT SOURCES               42            557            117              0             10
            DISTILLATE OIL
                AREA SOURCES                 0              6              7              0              0
                POINT SOURCES               10           1180            117              4             26
            NATURAL GAS
                POINT SOURCES                6              0             99              2              9
            COKE
                AREA SOURCES                21             49             14              0              6
            WOOD
                POINT SOURCES              962             41            272             54             54
            LIQUID PETROL GAS
                POINT SOURCES                0              0              1              0             46
            TOTAL (INDUSTRIAL)
                AREA SOURCES                64            560            155              0             14
                POINT SOURCES             1021           1781            607             60            145

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES                50            794            176              1             13
```

```
*** F03 ***                                                                                            *** F03 ***
    FOREST MANAGED BURNING              1458          3        287      1308      8150
    STRUCTURAL FIRES                    1180          0        133       878      4770
    GASOLINE STA EVAP LOSS                 0          0          0     26007         0
    SOLVENT EVAPORATION LOSS               0          0          0    145519         0
    UNPAVED ROADS                     165531          0          0         0         0
    UNPAVED AIRSTRIPS                      2          0          0         0         0
    TOTAL (MISCELLANEOUS)             169006          4        614    174883     19758

GRAND TOTAL
***********

    AREA SOURCES                      328907      46971     304051    425421   2015969

    POINT SOURCES                     106261     372753     175327    102049     86836

    TOTAL                             435168     419724     479378    527470   2102805
```

POINT SOURCES	45	3055	449	19	102
NATURAL GAS					
AREA SOURCES	36	1	445	30	75
POINT SOURCES	2	0	20	0	2
TOTAL (COMM-INST)					
AREA SOURCES	58	297	668	40	125
POINT SOURCES	951	13818	2711	60	295
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1296	3755	4556	646	4056
POINT SOURCES	4130	102158	36870	810	2419
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	61	645	825	68	187
NATURAL GAS	10	0	288	29	80
TOTAL (ELEC GEN)	71	645	1113	97	267
ENGINE-TESTING					
TOTAL (ENG TESTNG)	4	13	15	46	33
TOTAL (INTERNAL COMB)	75	658	1128	143	300
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1296	3755	4556	646	4056
POINT SOURCES	4205	102816	37998	953	2719
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	704	3646	548	2720	100
FOOD/AGRICULTURAL	2091	561	126	8	23
PRIMARY METAL	3	11	13	0	328
SECONDARY METALS	20	0	2	52	0
MINERAL PRODUCTS	249	438	0	7	0
PETROLEUM INDUSTRY	459	2332	1061	1014	162
WOOD PRODUCTS	988	1662	615	251	11852
ORGANIC SOLVENT EVAPORATION	44	11	13	7050	2
PETROLEUM STORAGE/TRANSPORT	1117	4775	976	7986	0
METAL FABRICATION	146	0	0	26	0
OTHER/NOT CLASSIFIED	408	22	26	2735	4
TOTAL (INDUSTRIAL)	6229	13458	3380	21849	12471
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	142	74	89	46	1045
OPEN BURNING	8	0	1	6	16
TOTAL (GOVERNMENT)	150	74	90	52	1061
RESIDENTIAL (AREA)					
ON SITE INCINERATION	42	0	0	123	371
OPEN BURNING	961	36	246	1295	4109
TOTAL (RESIDENTIAL)	1003	36	246	1418	4480
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	61	20	32	36	87

*** F05 ***

*** F05 ***

```
*** F06 ***                                                                                   *** F06 ***
                    AREA SOURCES          969          696          600          249         6387
                    POINT SOURCES        5067          345         2306          455          458

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING              1687            0            1            1            8
    FOOD/AGRICULTURAL                     36            0            0            0            4
    PRIMARY METAL                       2005         2500          110           22        27222
    SECONDARY METALS                       7            0            0            0            0
    MINERAL PRODUCTS                     980         1608          552            0            0
    WOOD PRODUCTS                        526            0            0           51            0
    OTHER/NOT CLASSIFIED                   0          244            0            0            0
    TOTAL (INDUSTRIAL)                  5241         4352          663           74        27234

SOLID WASTE DISPOSAL
*********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             327            5           11          919         2755
        OPEN BURNING                     310           12           79          419         1329
        TOTAL (RESIDENTIAL)              637           17           90         1338         4084

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               5            1            2            3            8
        OPEN BURNING
                POINT SOURCES             53            0           12           75          437
        TOTAL (COMM-INST)
                AREA SOURCES               5            1            2            3            8
                POINT SOURCES             53            0           12           75          437

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               3            0            0            3            4
                POINT SOURCES            859           12          123         1349        15942
        OPEN BURNING
                AREA SOURCES               1            0            0            1            5
        TOTAL (INDUSTRIAL)
                AREA SOURCES               4            0            0            4            9
                POINT SOURCES            859           12          123         1349        15942

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             646           18           92         1345         4101
                POINT SOURCES            912           12          135         1424        16379

TRANSPORTATION (AREA)
**********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         1459          103         2594         3391        24872
            LIGHT DUTY TRUCKS            668           67         1563         1645        10813
            HEAVY DUTY VEHICLES           74            9          348          305         4174
            OFF HIGHWAY                   19           10          189          678         7269
            TOTAL (GASOLINE)            2220          189         4694         6019        47128

        DIESEL

            HEAVY DUTY VEHICLES          371          220         2204          223          627
            OFF HIGHWAY                  138          115         1390          204          412
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

                                                                            RUN DATE:    TUESDAY     JANUARY 26, 1982
STATE EMISSIONS REPORT                                           AREA EMISSIONS AS OF:    TUESDAY        JULY 21, 1981
******************************                                  POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981
STATE 50:WEST VIRGINIA

                              PARTICULATES        SOX            NOX             HC              CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              619           2358             90            619           2795
         DISTILLATE OIL                94           1109            698             33            193
         NATURAL GAS                  248             10           1995            199            501
         WOOD                        1090             17             46            223           7803
         TOTAL (RESIDENTIAL)         2051           3494           2829           1074          11292

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           111679         947185         275901           4072          13514
         DISTILLATE OIL                 0            704            492             18             83
         NATURAL GAS                    0              0             24              0              1
         OTHER                         10             15             30             22             30
         TOTAL (ELEC GEN)          111689         947904         276447           4112          13628

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           47852          78913          30527            619           1788
         RESIDUAL OIL
            POINT SOURCES             680           6184          46154            291           1447
         DISTILLATE OIL
            AREA SOURCES              156           1520           1846             98            262
            POINT SOURCES             120           1033            676             37             76
         NATURAL GAS
            AREA SOURCES              333             19          28772           9151           3503
            POINT SOURCES              23              1            720              6             37
         PROCESS GAS
            POINT SOURCES            1029           3156          19120             95            542
         COKE
            POINT SOURCES               7             19              7              0              1
         WOOD
            POINT SOURCES             218             35            233             46             46
         LIQUID PETROL GAS
            POINT SOURCES              18              0             21              1              3
         OTHER
            POINT SOURCES             117              0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              489           1539          30618           9249           3765
            POINT SOURCES           50064          89341          97458           1095           3940

      COMM-INSTITUTIONAL FUEL
```

```
*** F08 ***                                                                                                      *** F08 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                          ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *********************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:50 WEST VIRGINIA   AQCR:181 STEUBENVILLE-WEIRTON-WHEELING   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES          SOX             NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              27              101                5               27              121
         DISTILLATE OIL                8               90               57                3               15
         NATURAL GAS                  28                1              227               23               58
         WOOD                         28                0                1                6              198
         TOTAL (RESIDENTIAL)          91              192              290               59              392

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           43452           356138            81008              784             2613
         DISTILLATE OIL                0               45               77                3               13
         TOTAL (ELEC GEN)          43452           356183            81085              787             2626

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES          20896            48900            17849              268              848
         RESIDUAL OIL
            POINT SOURCES            500             3578            45644              272             1410
         DISTILLATE OIL
            AREA SOURCES              16              151              184               10               26
            POINT SOURCES             62              218              265               16               30
         NATURAL GAS
            AREA SOURCES              31                2             2599              827              317
            POINT SOURCES              1                0               70                0                1
         PROCESS GAS
            POINT SOURCES           1027             2821            19120               95              542
         TOTAL (INDUSTRIAL)
            AREA SOURCES              47              153             2783              837              343
            POINT SOURCES          22486            55517            82948              651             2831

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               0                2                0                0                0
         DISTILLATE OIL
            AREA SOURCES               3               41               31                1                7
         NATURAL GAS
            AREA SOURCES              13                0              155               10               26
         TOTAL (COMM-INST)
            AREA SOURCES              16               43              186               11               33

      TOTAL (EXTERNAL COMB)
```

*** F10 *** *** F10 ***

MUNICIPAL INCINERATION	1884	351	338	462	4543
OTHER INCINERATION	11	18	112	9	0
TOTAL (GOVERNMENT)	1895	369	450	471	4543
RESIDENTIAL (AREA)					
ON SITE INCINERATION	3616	50	107	10180	30531
OPEN BURNING	7004	262	1791	9453	29976
TOTAL (RESIDENTIAL)	10620	312	1898	19633	60507
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	1842	570	879	1074	2523
POINT SOURCES	153	19	115	41	227
OPEN BURNING					
AREA SOURCES	64	3	21	120	326
TOTAL (COMM-INST)					
AREA SOURCES	1906	573	900	1194	2849
POINT SOURCES	153	19	115	41	227
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	209	40	40	187	277
POINT SOURCES	113	28	64	242	1913
OPEN BURNING					
AREA SOURCES	144	3	46	240	864
POINT SOURCES	177	0	42	251	1461
TOTAL (INDUSTRIAL)					
AREA SOURCES	353	43	86	427	1141
POINT SOURCES	290	28	106	493	3374
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	12879	928	2884	21254	64497
POINT SOURCES	2338	416	671	1005	8144
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	80865	3285	81381	116282	1038681
LIGHT DUTY TRUCKS	16604	1051	24715	31298	240112
HEAVY DUTY VEHICLES	4666	428	15056	18304	249326
OFF HIGHWAY	622	325	6114	22022	236159
TOTAL (GASOLINE)	102757	5089	127266	187906	1764278
DIESEL					
HEAVY DUTY VEHICLES	11716	5280	54806	7436	20377
OFF HIGHWAY	2055	1723	20717	3049	6132
RAIL	723	1625	10540	2678	3704
TOTAL (DIESEL)	14494	8628	86063	13163	30213
AIRCRAFT					
MILITARY	189	18	113	333	600
CIVIL	5	0	8	235	10832
COMMERCIAL	47	105	972	1087	2422
TOTAL (AIRCRAFT)	241	123	1093	1655	13854
VESSELS					

```
*** F11 ***                                                                                            *** F11 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                               RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                         AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                        POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE:51 WISCONSIN       AQCR:129 DULUTH-SUPERIOR

                              PARTICULATES        SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                36             425            266             15             74
         NATURAL GAS                   21               0            162             17             42
         WOOD                         548              10             24            111           3933
         TOTAL (RESIDENTIAL)          605             435            452            143           4049

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              390            2775           1871             42             63
         RESIDUAL OIL                  10             506            213              1             11
         NATURAL GAS                    1               0            139              0              3
         TOTAL (ELEC GEN)             401            3281           2223             43             77

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES            1181            1348            282             21             44
         RESIDUAL OIL
            POINT SOURCES              56            1311            286              6             29
         DISTILLATE OIL
            POINT SOURCES               0              26              4              0              1
         NATURAL GAS
            AREA SOURCES                7               0            204             38             23
            POINT SOURCES               4               1             98              0              8
         PROCESS GAS
            POINT SOURCES               0              18              0              0              0
         WOOD
            POINT SOURCES             589              99            647            137            146
         TOTAL (INDUSTRIAL)
            AREA SOURCES                7               0            204             38             23
            POINT SOURCES            1830            2803           1317            164            228

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                0               2              0              0              0
         BITUMINOUS COAL
            POINT SOURCES               6              86              8              2              5
         RESIDUAL OIL
            AREA SOURCES                2              66             18              0              0
         DISTILLATE OIL
            AREA SOURCES                9             126             95              2             22
         NATURAL GAS
```

```
*** F12 ***                                                                                          *** F12 ***
    GASOLINE STA EVAP LOSS              0            0            0         7870            0
    SOLVENT EVAPORATION LOSS            0            0            0        71640            0
    UNPAVED ROADS                   20325            0            0            0            0
    TOTAL (MISCELLANEOUS)           20827            1           60        79887         2044

GRAND TOTAL
***********

    AREA SOURCES                    76770         8312        76708       162503       688437

    POINT SOURCES                   37366       213919        51218        30774        12576

    TOTAL                          114136       222231       127926       193277       701013
```

```
*** F13 ***                                                                                          *** F13 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                         RUN DATE:  TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                                  POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:52 WYOMING        AQCR:242 METROPOLITAN CHEYENNE

                               PARTICULATES        SOX           NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                7             10              0              7             29
         DISTILLATE OIL                 0              4              1              0              0
         NATURAL GAS                   25              1            198             20             49
         WOOD                          37              0              2              8            261
         TOTAL (RESIDENTIAL)           69             15            201             35            339

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              459           1826            920             28             61
         RESIDUAL OIL
            POINT SOURCES             149           1948            273              4             22
         DISTILLATE OIL
            AREA SOURCES               52            746            605             33             87
         NATURAL GAS
            AREA SOURCES               72              4          12632           4891           1700
            POINT SOURCES               3              0             51              1              5
         PROCESS GAS
            POINT SOURCES               0              2              0              0              0
         WOOD
            POINT SOURCES               5              5             33              7              7
         TOTAL (INDUSTRIAL)
            AREA SOURCES              583           2576          14157           4952           1848
            POINT SOURCES             157           1955            357             12             34

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              219            432            163             13             35
         RESIDUAL OIL
            AREA SOURCES                1             13              3              0              0
         DISTILLATE OIL
            AREA SOURCES                0             15              9              0              2
         NATURAL GAS
            AREA SOURCES               15              0            170             11             28
            POINT SOURCES               0              0              2              0              0
         TOTAL (COMM-INST)
            AREA SOURCES              235            460            345             24             65
            POINT SOURCES               0              0              2              0              0

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              887           3051          14703           5011           2252
            POINT SOURCES             157           1955            359             12             34
```

HEAVY DUTY VEHICLES	173	22	700	619	8909
TOTAL (GASOLINE)	2098	150	3559	4144	35261
DIESEL					
HEAVY DUTY VEHICLES	5	3	25	3	8
TOTAL (DIESEL)	5	3	25	3	8
AIRCRAFT					
COMMERCIAL	47	103	961	1076	2400
TOTAL (AIRCRAFT)	47	103	961	1076	2400
VESSELS					
RESIDUAL OIL	3	36	6	0	0
TOTAL (VESSELS)	3	36	6	0	0
TOTAL (TRANSPORTATION)	2153	292	4551	5223	37669
MISCELLANEOUS (AREA) ********************					
GASOLINE STA EVAP LOSS	0	0	0	661	0
SOLVENT EVAPORATION LOSS	0	0	0	33	0
TOTAL (MISCELLANEOUS)	0	0	0	694	0
GRAND TOTAL ***********					
AREA SOURCES	2153	295	4553	5917	37669
POINT SOURCES	1535	4017	1942	49	141
TOTAL	3688	4312	6495	5966	37810

```
*** F15 ***                                                                                          *** F15 ***
        DISTILLATE OIL
            AREA SOURCES                  7          112           86            2           19
            POINT SOURCES                 1           38           29            0            3
        NATURAL GAS
            AREA SOURCES                 39            1          460           29           75
            POINT SOURCES                 8           11           29            0            5
        OTHER
            POINT SOURCES                 4           13            2            3           15
        TOTAL (COMM-INST)
            AREA SOURCES                 67          175          570           31           95
            POINT SOURCES               229          495          116           12           55

     TOTAL (EXTERNAL COMB)
            AREA SOURCES               3693        15527        23865         7025         9389
            POINT SOURCES              8815       346363        69836         3063         5715

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                   0            0          147           12           33
         TOTAL (ELEC GEN)                 0            0          147           12           33

      INDUSTRIAL FUEL ..

         NATURAL GAS                      0            2           44            2           41
         TOTAL (INDUSTRIAL)               0            2           44            2           41

      TOTAL (INTERNAL COMB)               0            2          191           14           74

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               3693        15527        23865         7025         9389
            POINT SOURCES              8815       346365        70027         3077         5789

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              7298            0         6145        15717        14909
   FOOD/AGRICULTURAL                   3351          495            1         1076            0
   PRIMARY METAL                       3137         1833            7          237        26454
   SECONDARY METALS                    1226            0           18            6          562
   MINERAL PRODUCTS                    3503         2025         1365          510          122
   PETROLEUM INDUSTRY                     1            1            5            0            1
   WOOD PRODUCTS                        749          526          226          844         5533
   ORGANIC SOLVENT EVAPORATION           28            0            1         2286            0
   PETROLEUM STORAGE/TRANSPORT            0            0            0           53            0
   METAL FABRICATION                     12            0            0            0            0
   TEXTILE MANUFACTURING                  5            0            0            0            0
   OTHER/NOT CLASSIFIED                   6            0            1           11            0
   TOTAL (INDUSTRIAL)                 19316         4880         7769        20740        47581

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              669            7           20         1889         5664
      OPEN BURNING                     2027           76          520         2732         8669
      TOTAL (RESIDENTIAL)              2696           83          540         4621        14333

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            POINT SOURCES                51           62           59           54          557
      OPEN BURNING
```

```
    TOTAL                         648315        225788        270807        83931        478056
```

```
          AREA SOURCES                 362       7287       1272         17        103
          POINT SOURCES                  0          0         67          1          3
        DISTILLATE OIL
          AREA SOURCES                  22        451        305         11         68
          POINT SOURCES                  8         36         39          1          7
        NATURAL GAS
          AREA SOURCES                 127          5       1503         99        251
          POINT SOURCES                 35        297        147          2          5
        TOTAL (COMM-INST)
          AREA SOURCES                 511       7743       3080        127        422
          POINT SOURCES                 43        333        253          4         15

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                3109      22372      82834      29943      16357
          POINT SOURCES              29413     244832     244265       5978      20062

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL                   7          3        198          2         12
        NATURAL GAS                     35         12       2596         71         92
        TOTAL (ELEC GEN)                42         15       2794         73        104

    INDUSTRIAL FUEL

        NATURAL GAS                    224         58      30113       8121       5927
        TOTAL (INDUSTRIAL)             224         58      30113       8121       5927

    ENGINE-TESTING

        TOTAL (ENG TESTNG)               3          6         42         11        205

    TOTAL (INTERNAL COMB)              269         79      32949       8205       6236

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                3109      22372      82834      29943      16357
          POINT SOURCES              29682     244911     277214      14183      26298

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             2809      54218        147       5169       4041
   FOOD/AGRICULTURAL                   741          0          0          0          0
   PRIMARY METAL                      1519       2366       1970        830       8536
   SECONDARY METALS                   1297          3       1323          8       1418
   MINERAL PRODUCTS                  14063       1432       1649        747        178
   PETROLEUM INDUSTRY                  598       4433       3705      15276        217
   WOOD PRODUCTS                     41336       4425        976        317      41821
   ORGANIC SOLVENT EVAPORATION          15          0         15      41379          0
   PETROLEUM STORAGE/TRANSPORT           0          0          0      23430          0
   METAL FABRICATION                     4          0          0         68          0
   OTHER/NOT CLASSIFIED                258       4200        191       6451         25
   TOTAL (INDUSTRIAL)                62640      71077       9976      93675      56236

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OPEN BURNING                       3          0          1          6         17
      TOTAL (GOVERNMENT)                 3          0          1          6         17

   RESIDENTIAL (AREA)
```

```
    COMM-INSTITUTIONAL FUEL

        ANTHRACITE COAL
            AREA SOURCES                 1161        2781        1203           0         105
            POINT SOURCES                 994         736         227          24         761
        RESIDUAL OIL
            AREA SOURCES                  972        7701        3405          57         285
            POINT SOURCES                 797       10448        7999         133         665
        DISTILLATE OIL
            AREA SOURCES                  196        2819        2154          98         489
            POINT SOURCES                  81        2623         737          32         155
        NATURAL GAS
            AREA SOURCES                  214          14        2562         171         428
            POINT SOURCES                  52           3        3042           8          89
        OTHER
            POINT SOURCES                   1           4           2           0           0
        TOTAL (COMM-INST)
            AREA SOURCES                 2543       13315        9324         326        1307
            POINT SOURCES                1925       13814       12007         197        1670

    TOTAL (EXTERNAL COMB)
            AREA SOURCES                 6812       40506       41926        5585       14425
            POINT SOURCES               17334      228177      110102        1523        7492

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

        DISTILLATE OIL                    179         596        2345         200         538
        NATURAL GAS                        12           0         281          29          79
        TOTAL (ELEC GEN)                  191         596        2626         229         617

      INDUSTRIAL FUEL

        DISTILLATE OIL                    119        1324        1610         132         365
        NATURAL GAS                         2           0          57           0           7
        TOTAL (INDUSTRIAL)                121        1324        1667         132         372

      TOTAL (INTERNAL COMB)               312        1920        4293         361         989

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES                 6812       40506       41926        5585       14425
            POINT SOURCES               17646      230097      114395        1884        8481

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               10121       29284       14883       19920       19064
   FOOD/AGRICULTURAL                     1471         208          78          13          15
   PRIMARY METAL                        22974       11183        4388        8647       79175
   SECONDARY METALS                      1508       13150          58          89       23583
   MINERAL PRODUCTS                      8912        2021        2293         540         238
   PETROLEUM INDUSTRY                    5008       31038       17716       40370        1376
   WOOD PRODUCTS                          195          63          71         349          11
   ORGANIC SOLVENT EVAPORATION             65          76         511       53795           8
   PETROLEUM STORAGE/TRANSPORT              1           0           4      122515           0
   METAL FABRICATION                      255           0         900           4           0
   TEXTILE MANUFACTURING                   51           0           1         103           0
   OTHER/NOT CLASSIFIED                   362         298         226        3794          58
   TOTAL (INDUSTRIAL)                   50923       87321       41129      250139      123528

SOLID WASTE DISPOSAL
********************
```

```
*** G02 ***                                                                                         *** G02 ***
               POINT SOURCES            19            253            35             1             5
           DISTILLATE OIL
               AREA SOURCES             24            367           279            14            65
               POINT SOURCES             4            330            51             1            10
           NATURAL GAS
               AREA SOURCES              0              0             2             0             0
               POINT SOURCES             0              0            11             0             1
           TOTAL (COMM-INST)
               AREA SOURCES             74           1161           457            15            78
               POINT SOURCES            23            583            97             2            16

       TOTAL (EXTERNAL COMB)
               AREA SOURCES           2721           4039          2189           580         17670
               POINT SOURCES          1118           2482          1316           141           246

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           DISTILLATE OIL                7             16            82             7            19
           TOTAL (ELEC GEN)              7             16            82             7            19

       TOTAL (INTERNAL COMB)             7             16            82             7            19

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES           2721           4039          2189           580         17670
               POINT SOURCES          1125           2498          1398           148           265

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING               0              0             0            64             0
    FOOD/AGRICULTURAL                  938              0             0             0             0
    SECONDARY METALS                     5              0             0             0             0
    MINERAL PRODUCTS                   124              3             0             0             0
    WOOD PRODUCTS                      341              0             0            21             0
    ORGANIC SOLVENT EVAPORATION         16              0             0          3143             0
    PETROLEUM STORAGE/TRANSPORT          0              0             0          1266             0
    TEXTILE MANUFACTURING              180              0             0             0             0
    OTHER/NOT CLASSIFIED                 1             47             1           398             0
    TOTAL (INDUSTRIAL)                1605             50             1          4892             0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION           306              3             9           857          2575
        OPEN BURNING                  1399             53           357          1888          5995
        TOTAL (RESIDENTIAL)           1705             56           366          2745          8570

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            70             21            34            41            97
                POINT SOURCES            4              1             0             4             6
        OPEN BURNING
                POINT SOURCES            1              0             0             1             7
        TOTAL (COMM-INST)
                AREA SOURCES            70             21            34            41            97
                POINT SOURCES            5              1             0             5            13

    INDUSTRIAL

        ON SITE INCINERATION
```

```
*** G04 ***                                                                                          *** G04 ***
                  POINT SOURCES              40            105            126            137            428
        TOTAL (COMM-INST)
                  AREA SOURCES               61             20             32             36             87
                  POINT SOURCES              40            105            126            137            428

     INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES               65             13             13             58             86
                  POINT SOURCES              82            489             38              6             21
        OPEN BURNING
                  AREA SOURCES                6              0              0              6             30
        TOTAL (INDUSTRIAL)
                  AREA SOURCES               71             13             13             64            116
                  POINT SOURCES              82            489             38              6             21

     TOTAL (SOLID WASTE DISP)
                  AREA SOURCES             1135             69            291           1518           4683
                  POINT SOURCES             272            668            254            195           1510

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES            22612            747          17856          28905         263494
           LIGHT DUTY TRUCKS               3459            163           3632           5270          42246
           HEAVY DUTY VEHICLES             1062             81           2550           3744          51556
           OFF HIGHWAY                       61             32            610           2199          23578
           TOTAL (GASOLINE)               27194           1023          24648          40118         380874

        DIESEL

           HEAVY DUTY VEHICLES             1948            797           7670           1136           3294
           OFF HIGHWAY                     1032            866          10440           1535           3090
           RAIL                             291            661           4278           1087           1504
           TOTAL (DIESEL)                  3271           2324          22388           3758           7888

     AIRCRAFT

        MILITARY                            205             20            123            364            656
        CIVIL                                 2              0              2             43           1977
        COMMERCIAL                           13             28            258            288            642
        TOTAL (AIRCRAFT)                    220             48            383            695           3275

     VESSELS

        DIESEL FUEL                         377            473           3523            926           1233
        RESIDUAL OIL                        388           5125            842             59             28
        GASOLINE                              0             16             63           2562           8050
        TOTAL (VESSELS)                     765           5614           4428           3547           9311

     TOTAL (TRANSPORTATION)               31450           9009          51847          48118         401348

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                        71              0             16             98            574
     FOREST MANAGED BURNING                 101              1             20             91            562
     STRUCTURAL FIRES                        81              0              9             62            326
     GASOLINE STA EVAP LOSS                   0              0              0           4565              0
     SOLVENT EVAPORATION LOSS                 0              0              0          31035              0
     UNPAVED ROADS                         4092              0              0              0              0
     TOTAL (MISCELLANEOUS)                 4345              1             45          35851           1462
```

```
*** G05 ***                                                                                          *** G05 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                               POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 49:WASHINGTON

                               PARTICULATES       SOX           NOX            HC             CO
                               ************   ************  ************  ************  ************
                                TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              214            268            30           214           959
         DISTILLATE OIL               259           4047          1856           102           516
         NATURAL GAS                  179              8          1418           141           356
         WOOD                        4836             94           195           969         34803
         TOTAL (RESIDENTIAL)         5488           4417          3499          1426         36634

      ELEC GENERATION (POINT)

         LIGNITE                     5012          20513         36161           775          2583
         RESIDUAL OIL                 154           1648          1106            10            52
         DISTILLATE OIL                 1             18            28             1             4
         NATURAL GAS                   15              0           735             1            17
         OTHER                        464            116           850           170           170
         TOTAL (ELEC GEN)            5646          22295         38880           957          2826

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             2521           4376          2391            73           151
            POINT SOURCES            2095           2031          3165            37            98
         LIGNITE
            POINT SOURCES            3684            957           216            36            72
         RESIDUAL OIL
            AREA SOURCES              619           8042          2142            34           177
            POINT SOURCES            2349          22240          4913           274           451
         DISTILLATE OIL
            AREA SOURCES              162           2247          1924           106           273
            POINT SOURCES               6            135            51             2            11
         NATURAL GAS
            AREA SOURCES              274             16         13843          3900          1702
            POINT SOURCES             289             32          6218          1261           271
         PROCESS GAS
            POINT SOURCES               0           3316             0             0             0
         WOOD
            POINT SOURCES           23406           2065         15600          3396          3421
         LIQUID PETROL GAS
            POINT SOURCES               0              3            37             1             5
         OTHER
            POINT SOURCES              14              0            33             6             7
         TOTAL (INDUSTRIAL)
            AREA SOURCES             3576          14681         20300          4113          2303
            POINT SOURCES           31843          30779         30233          5013          4336
```

RAIL	33	77	494	126	173
TOTAL (DIESEL)	542	412	4088	553	1212
AIRCRAFT					
CIVIL	0	0	1	17	822
TOTAL (AIRCRAFT)	0	0	1	17	822
VESSELS					
DIESEL FUEL	2	2	15	3	5
GASOLINE	0	11	43	1689	5307
TOTAL (VESSELS)	2	13	58	1692	5312
TOTAL (TRANSPORTATION)	2764	614	8841	8281	54474
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	1959	16	461	2766	16138
FOREST MANAGED BURNING	1776	13	354	1597	9940
STRUCTURAL FIRES	32	0	4	25	128
GASOLINE STA EVAP LOSS	0	0	0	723	0
SOLVENT EVAPORATION LOSS	0	0	0	2099	0
UNPAVED ROADS	2925	0	0	0	0
UNPAVED AIRSTRIPS	11	0	0	0	0
TOTAL (MISCELLANEOUS)	6703	29	819	7210	26206
GRAND TOTAL					
***********					
AREA SOURCES	11082	1357	10352	17085	91168
POINT SOURCES	11220	4709	3104	1953	44071
TOTAL	22302	6066	13456	19038	135239

```
*** G07 ***                                                                                      *** G07 ***
          ANTHRACITE COAL
               AREA SOURCES                 40          104           43            0            2
          BITUMINOUS COAL
               POINT SOURCES               555          707          142           10           19
          RESIDUAL OIL
               POINT SOURCES                22          288           51            1            5
          DISTILLATE OIL
               AREA SOURCES                 21          389          295           10           67
               POINT SOURCES                 2            6            8            1            1
          NATURAL GAS
               AREA SOURCES                105            2         1336           86          228
               POINT SOURCES                 0            0            3            0            0
          WOOD
               POINT SOURCES                51           18          123           58           37
          TOTAL (COMM-INST)
               AREA SOURCES                166          495         1674           96          297
               POINT SOURCES               630         1019          327           70           62

     TOTAL (EXTERNAL COMB)
               AREA SOURCES               2706         5528        35121        10419        15354
               POINT SOURCES            162383      1038264       374232         5277        17630

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES               2706         5528        35121        10419        15354
               POINT SOURCES            162383      1038264       374232         5277        17630

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                 1501        31456           78         1625         9592
   PRIMARY METAL                         17549        23393         9705         5707       151093
   SECONDARY METALS                        951         1320           14            0        10958
   MINERAL PRODUCTS                      12597         8241         4319         1531           78
   PETROLEUM INDUSTRY                       63          722          240            9           14
   WOOD PRODUCTS                            28           31          102          164         1158
   ORGANIC SOLVENT EVAPORATION               0            0            0           13            0
   PETROLEUM STORAGE/TRANSPORT               0            0            0            2            0
   METAL FABRICATION                        34            0            0            0            0
   OTHER/NOT CLASSIFIED                      0         2064            0            0            0
   TOTAL (INDUSTRIAL)                    32723        67227        14458         9051       172893

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION                 1            0            0            1            1
      TOTAL (GOVERNMENT)                     1            0            0            1            1

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                  94            0            0          269          810
      OPEN BURNING                        4951          181         1262         6682        21171
      TOTAL (RESIDENTIAL)                 5045          181         1262         6951        21981

   INDUSTRIAL

      ON SITE INCINERATION
               POINT SOURCES               316           86          174          652         3308
      OPEN BURNING
               AREA SOURCES                 14            0            3           19           75
      TOTAL (INDUSTRIAL)
               AREA SOURCES                 14            0            3           19           75
               POINT SOURCES               316           86          174          652         3308
```

```
*** G08 ***                                                                                              *** G08 ***
                   AREA SOURCES              154           388          3259           907           768
                   POINT SOURCES           65938        411700        164033          1438          5457

   TOTAL (FUEL COMBUSTION)

                   AREA SOURCES              154           388          3259           907           768
                   POINT SOURCES           65938        411700        164033          1438          5457

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                    362         14282             4           672          8752
   PRIMARY METAL                            6816         16228          9705          5661         50948
   MINERAL PRODUCTS                          703           282            79            88            78
   PETROLEUM INDUSTRY                         60           694           240             9            14
   WOOD PRODUCTS                               5             0             0             0             0
   TOTAL (INDUSTRIAL)                       7946         31486         10028          6430         59792

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                    10             0             0            27            81
      OPEN BURNING                           270             9            69           365          1155
      TOTAL (RESIDENTIAL)                    280             9            69           392          1236

   INDUSTRIAL

      ON SITE INCINERATION
            POINT SOURCES                     58            32            39            22           403
      OPEN BURNING
            AREA SOURCES                       1             0             0             1             5
      TOTAL (INDUSTRIAL)
            AREA SOURCES                       1             0             0             1             5
            POINT SOURCES                     58            32            39            22           403

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES                     281             9            69           393          1241
            POINT SOURCES                     58            32            39            22           403

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES                2943           105          2441          3589         32653
         LIGHT DUTY TRUCKS                   679            34           756          1029          8170
         HEAVY DUTY VEHICLES                 143            11           369           499          6896
         OFF HIGHWAY                          11             7           115           414          4431
         TOTAL (GASOLINE)                   3776           157          3681          5531         52150

      DIESEL

         HEAVY DUTY VEHICLES                 231            97           951           139           400
         OFF HIGHWAY                         160           134          1618           238           479
         RAIL                                184           416          2701           686           949
         TOTAL (DIESEL)                      575           647          5270          1063          1828

   AIRCRAFT

      MILITARY                                32             3            19            57           102
      CIVIL                                    0             0             0             8           371
      COMMERCIAL                               2             4            36            40            90
```

```
*** G09 ***                                                                                                        *** G09 ***

                                                 NATIONAL EMISSIONS DATA SYSTEM
                                                 ******************************

                                                 ENVIRONMENTAL PROTECTION AGENCY
                                                 *******************************

                                                                                        RUN DATE:   TUESDAY      JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                                 AREA EMISSIONS AS OF:   TUESDAY         JULY 21, 1981
***************************                                                POINT EMISSIONS AS OF:   THURSDAY         MAY 28, 1981
STATE:50 WEST VIRGINIA   AQCR:234 KANAWHA VALLEY

                                    PARTICULATES          SOX             NOX             HC              CO
                                    ************     ************    ************    ************    ************
                                     TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                    42              157               5              42             186
         DISTILLATE OIL                      3               36              23               1               6
         NATURAL GAS                        54                3             427              42             106
         WOOD                               41                1               2               8             297
         TOTAL (RESIDENTIAL)               140              197             457              93             595

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 31774           129140           77672            1296            4319
         DISTILLATE OIL                      0              132              78               3              13
         TOTAL (ELEC GEN)                31774           129272           77750            1299            4332

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                25983            23236           11215             283             788
         RESIDUAL OIL
            POINT SOURCES                    8              105              49               1               4
         DISTILLATE OIL
            AREA SOURCES                    40              381             463              25              67
            POINT SOURCES                    1               39              14               1               3
         NATURAL GAS
            AREA SOURCES                   111                7            9431            3000            1147
            POINT SOURCES                    1                0              66               0               1
         LIQUID PETROL GAS
            POINT SOURCES                   18                0              21               1               3
         OTHER
            POINT SOURCES                  117                0               0               0               0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   151              388            9894            3025            1214
            POINT SOURCES                26128            23380           11365             286             799

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                     1                3               1               0               0
         DISTILLATE OIL
            AREA SOURCES                     5               80              62               2              14
         NATURAL GAS
            AREA SOURCES                    25                1             307              21              51
         TOTAL (COMM-INST)
            AREA SOURCES                    31               84             370              23              65
```

```
*** G10 ***                                                                                         *** G10 ***
          DIESEL FUEL                       67          80         612         162         213
          RESIDUAL OIL                      35         467          77           5           3
          GASOLINE                           0          98         380       15288       48032
          TOTAL (VESSELS)                  102         645        1069       15455       48248

     TOTAL (TRANSPORTATION)             117594       14485      215491      218179     1856593

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                      326           0          74         458        2687
     STRUCTURAL FIRES                     1268           1         150         948        5142
     GASOLINE STA EVAP LOSS                  0           0           0       22370           0
     SOLVENT EVAPORATION LOSS                0           0           0      175468           0
     UNPAVED ROADS                      437128           0           0           0           0
     UNPAVED AIRSTRIPS                      66           0           0           0           0
     TOTAL (MISCELLANEOUS)              438788           1         224      199244        7829

GRAND TOTAL
***********

     AREA SOURCES                       573934       25723      245972      442323     1951232

     POINT SOURCES                      116107      678569      204440       77439       50218

     TOTAL                              690041      704292      450412      519762     2001450
```

```
*** G11 ***                                                                                   *** G11 ***
              AREA SOURCES            11          0          109          7          18
              POINT SOURCES            0          0            8          0           3
          TOTAL (COMM-INST)
              AREA SOURCES            22        194          222          9          40
              POINT SOURCES            6         86           16          2           8

      TOTAL (EXTERNAL COMB)
              AREA SOURCES           634        629          878        190        4112
              POINT SOURCES         2237       6170         3556        209         313

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL              31         29          367         16          74
          NATURAL GAS                 12          0          483         35          95
          TOTAL (ELEC GEN)            43         29          850         51         169

      INDUSTRIAL FUEL

          DISTILLATE OIL              31         53          101          5           0
          TOTAL (INDUSTRIAL)          31         53          101          5           0

      TOTAL (INTERNAL COMB)           74         82          951         56         169

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES           634        629          878        190        4112
              POINT SOURCES         2311       6252         4507        265         482

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              0        270            0          0           0
   FOOD/AGRICULTURAL                 880          0            0          0           0
   MINERAL PRODUCTS                 8318       1899          554        157          58
   PETROLEUM INDUSTRY                 12        831          397        524          54
   WOOD PRODUCTS                      22       2028           60         12          12
   ORGANIC SOLVENT EVAPORATION         0          0            1        386           0
   PETROLEUM STORAGE/TRANSPORT         0          0            0       2601           0
   OTHER/NOT CLASSIFIED                0        626            0          0           0
   TOTAL (INDUSTRIAL)               9232       5654         1012       3680         124

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION           84          0            1        238         709
       OPEN BURNING                  237          9           60        319        1011
       TOTAL (RESIDENTIAL)           321          9           61        557        1720

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES           18          2           11         11          25
               POINT SOURCES          13          0            2         18         216
       TOTAL (COMM-INST)
               AREA SOURCES           18          2           11         11          25
               POINT SOURCES          13          0            2         18         216

   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES            7          1            1          7           9
               POINT SOURCES           6          1            6         66         780
```

```
*** G13 ***                                                                                          *** G13 ***
   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS                      9            0           2740          1128          347
         TOTAL (INDUSTRIAL)               9            0           2740          1128          347

      TOTAL (INTERNAL COMB)               9            0           2740          1128          347

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                887         3051          14703          5011         2252
            POINT SOURCES               166         1955           3099          1140          381

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                86          176              4             0            0
   FOOD/AGRICULTURAL                     95           14              6             0            0
   MINERAL PRODUCTS                    1208         1005            256             0            0
   PETROLEUM INDUSTRY                   223         2649            656           859          270
   PETROLEUM STORAGE/TRANSPORT            0            0              0           701            0
   OTHER/NOT CLASSIFIED                   0          524              0             0            0
   TOTAL (INDUSTRIAL)                  1612         4368            922          1560          270

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              242            3              7           680         2042
      OPEN BURNING                      129            5             33           175          552
      TOTAL (RESIDENTIAL)               371            8             40           855         2594

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES               73           23             34            42           99
      TOTAL (COMM-INST)
              AREA SOURCES               73           23             34            42           99

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               10            1              1             9           13
              POINT SOURCES             134            2             19           210         2490
      TOTAL (INDUSTRIAL)
              AREA SOURCES               10            1              1             9           13
              POINT SOURCES             134            2             19           210         2490

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES              454           32             75           906         2706
              POINT SOURCES             134            2             19           210         2490

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           2933          108           1926          5645        62866
         LIGHT DUTY TRUCKS             1278           69           1121          2963        30679
         HEAVY DUTY VEHICLES            167           14            327           799        13868
         OFF HIGHWAY                     15            7            144           516         5539
         TOTAL (GASOLINE)              4393          198           3518          9923       112952
```

*** 614 ***

```
*** G15 ***                                                                              *** G15 ***
               AREA SOURCES             20        0        5       37       89
     TOTAL (COMM-INST)
               AREA SOURCES             20        0        5       37       89
               POINT SOURCES            51       62       59       54      557

   INDUSTRIAL

     ON SITE INCINERATION
               POINT SOURCES           333       81      114      365     1011
     OPEN BURNING
               AREA SOURCES             27        0        7       41      155
     TOTAL (INDUSTRIAL)
               AREA SOURCES             27        0        7       41      155
               POINT SOURCES           333       81      114      365     1011

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES           2743       83      552     4699    14577
               POINT SOURCES           384      143      173      419     1568

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

          LIGHT DUTY VEHICLES        18447      955    23107    30912   248036
          LIGHT DUTY TRUCKS           4857      373     8295     9714    68045
          HEAVY DUTY VEHICLES         1000      107     3679     3737    51354
          OFF HIGHWAY                  114       61     1138     4093    43877
          TOTAL (GASOLINE)           24418     1496    36219    48456   411312

     DIESEL

          HEAVY DUTY VEHICLES         2698     1420    13119     1465     4314
          OFF HIGHWAY                  921      769     9295     1367     2752
          RAIL                         131      301     1945      491      687
          TOTAL (DIESEL)              3750     2490    24359     3323     7753

   AIRCRAFT

     MILITARY                           11        1        7       20       37
     CIVIL                               0        0        0       43     1997
     COMMERCIAL                          4        9       82       92      206
     TOTAL (AIRCRAFT)                   15       10       89      155     2240

   VESSELS

     DIESEL FUEL                       109      137     1021      265      356
     GASOLINE                            0       30      110     4560    14323
     TOTAL (VESSELS)                   109      167     1131     4825    14679

   TOTAL (TRANSPORTATION)            28292     4163    61798    56759   435984

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   4180       35      984     5902    34417
   FOREST MANAGED BURNING             1166        7      234     1049     6529
   AGRICULTURAL BURNING                152        0       22      180     1003
   STRUCTURAL FIRES                    278        0       33      210     1131
   GASOLINE STA EVAP LOSS                0        0        0     5716        0
   SOLVENT EVAPORATION LOSS              0        0        0    44546        0
   UNPAVED ROADS                     83686        0        0        0        0
   UNPAVED AIRSTRIPS                   111        0        0        0        0
   TOTAL (MISCELLANEOUS)             89573       42     1273    57603    43080
```

*** G16 *** *** G16 ***

```
*** 617 ***                                                                                                    *** 617 ***
     ON SITE INCINERATION              403            1             6          1135          3400
     OPEN BURNING                     1898           73           487          2564          8122
     TOTAL (RESIDENTIAL)              2301           74           493          3699         11522

   COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
             AREA SOURCES               50           10            23            30            70
             POINT SOURCES              46            1            10           172             1
     TOTAL (COMM-INST)
             AREA SOURCES               50           10            23            30            70
             POINT SOURCES              46            1            10           172             1

   INDUSTRIAL

     ON SITE INCINERATION
             AREA SOURCES               36            4             4            34            48
             POINT SOURCES            1044           71           213          1151         11573
     OPEN BURNING
             AREA SOURCES                6            0             0             6            30
             POINT SOURCES             193           10            69           349          1106
     TOTAL (INDUSTRIAL)
             AREA SOURCES               42            4             4            40            78
             POINT SOURCES            1237           81           282          1500         12679

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES             2393           88           520          3769         11670
             POINT SOURCES            1286           82           293          1678         12697

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES          27215          219         27830         38343        321429
        LIGHT DUTY TRUCKS             8869          576         12326         15287        111710
        HEAVY DUTY VEHICLES           2028          192          6130          7125         98753
        OFF HIGHWAY                    162           87          1584          5700         61120
        TOTAL (GASOLINE)             38274         2074         47870         66455        593012

     DIESEL

        HEAVY DUTY VEHICLES           4798         2289         20528          2532          7574
        OFF HIGHWAY                    674          564          6794           998          2007
        RAIL                           368          833          5392          1371          1898
        TOTAL (DIESEL)                5840         3686         32714          4901         11479

   AIRCRAFT

     MILITARY                          337           32           203           601          1081
     CIVIL                               2            0             3            84          3743
     COMMERCIAL                         19           41           380           426           950
     TOTAL (AIRCRAFT)                  358           73           586          1111          5774

   VESSELS

     GASOLINE                            0           26           103          4335         13620
     TOTAL (VESSELS)                     0           26           103          4335         13620

   TOTAL (TRANSPORTATION)            44472         5859         81273         76802        623885

MISCELLANEOUS (AREA)
********************
```

```
*** G18 ***                                                                                              *** G18 ***
    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            4103          1022          1112           857         13936
        OTHER INCINERATION                   3             0             2             0             0
        TOTAL (GOVERNMENT)                4106          1022          1114           857         13936

    RESIDENTIAL (AREA)

        ON SITE INCINERATION               591             8            18          1661          4985
        OPEN BURNING                      2760           103           708          3725         11812
        TOTAL (RESIDENTIAL)               3351           111           726          5386         16797

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              2694           852          1278          1561          3689
                POINT SOURCES               26            10            20            13            35
        TOTAL (COMM-INST)
                AREA SOURCES              2694           852          1278          1561          3689
                POINT SOURCES               26            10            20            13            35

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               429            86            66           385           572
                POINT SOURCES              383           200           188           135           660
        OPEN BURNING
                POINT SOURCES                1             0             0             2            28
        TOTAL (INDUSTRIAL)
                AREA SOURCES               429            86            86           385           572
                POINT SOURCES              384           200           188           137           688

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              6474          1049          2090          7332         21058
                POINT SOURCES             4516          1232          1322          1007         14659

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         104700          3356         79526        129122       1205603
            LIGHT DUTY TRUCKS            11578           529         11884         17911        146764
            HEAVY DUTY VEHICLES           4607           336         10772         16801        228609
            OFF HIGHWAY                    297           157          2919         10507        112685
            TOTAL (GASOLINE)            121182          4378        105101        174341       1693661

        DIESEL

            HEAVY DUTY VEHICLES          10747          4311         42196          6356         18111
            OFF HIGHWAY                   1112           932         11250          1654          3329
            RAIL                           934          2131         13831          3515          4859
            TOTAL (DIESEL)               12793          7374         67277         11525         26299

    AIRCRAFT

        MILITARY                           628            59           378          1115          2008
        CIVIL                                7             1             9           133          6062
        COMMERCIAL                          73           159          1486          1664          3711
        TOTAL (AIRCRAFT)                   708           219          1073          2912         11781

    VESSELS

        DIESEL FUEL                        338           423          3148           825          1100
```

```
*** H01 ***                                                                                   *** H01 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

STATE/AQCR EMISSIONS REPORT                                           RUN DATE:   TUESDAY    JANUARY 26, 1982
***************************                               AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:46 UTAH          AQCR:014 FOUR CORNERS             POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX            NOX             HC              CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               18            103              2             18             85
         DISTILLATE OIL                 2             24             10              0              2
         NATURAL GAS                    9              0             83              8             21
         WOOD                         151              3              6             31           1080
         TOTAL (RESIDENTIAL)          180            130            101             57           1188

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              912          18428          18630            311           1035
         DISTILLATE OIL                 0             33             35              1              6
         TOTAL (ELEC GEN)             912          18461          18665            312           1041

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              146            345            100              2              5
         DISTILLATE OIL
            AREA SOURCES                0             15             12              0              1
         NATURAL GAS
            AREA SOURCES                1              0            149             54             21
         TOTAL (INDUSTRIAL)
            AREA SOURCES              147            360            261             56             27

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               13            168             43              0              4
         DISTILLATE OIL
            AREA SOURCES                0              5              3              0              0
         TOTAL (COMM-INST)
            AREA SOURCES               13            173             46              0              4

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              340            663            408            113           1219
            POINT SOURCES             912          18461          18665            312           1041

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              340            663            408            113           1219
            POINT SOURCES             912          18461          18665            312           1041

INDUSTRIAL PROCESS (POINT)
**************************
```

*** HO2 *** *** HO2 ***

AREA SOURCES	10	1	1	9	12
TOTAL (INDUSTRIAL)					
AREA SOURCES	10	1	1	9	12
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1785	78	401	2795	8679
POINT SOURCES	5	1	0	5	13
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	5785	342	8159	8923	73484
LIGHT DUTY TRUCKS	1601	138	3239	3320	23560
HEAVY DUTY VEHICLES	392	47	1741	1655	22734
OFF HIGHWAY	50	27	493	1777	19070
TOTAL (GASOLINE)	7828	554	13632	15675	138848
DIESEL					
HEAVY DUTY VEHICLES	995	531	5390	591	1621
OFF HIGHWAY	312	261	3138	461	928
RAIL	68	151	978	247	345
TOTAL (DIESEL)	1375	943	9506	1299	2894
AIRCRAFT					
MILITARY	70	7	42	125	224
CIVIL	0	0	1	28	1318
COMMERCIAL	6	13	119	133	297
TOTAL (AIRCRAFT)	76	20	162	286	1839
VESSELS					
DIESEL FUEL	3	3	29	8	10
GASOLINE	0	7	29	1141	3581
TOTAL (VESSELS)	3	10	58	1149	3591
TOTAL (TRANSPORTATION)	9282	1527	23358	18409	147172
MISCELLANEOUS (AREA)					
*********************					
FOREST WILDFIRES	16	0	4	22	132
AGRICULTURAL BURNING	2	0	0	2	12
STRUCTURAL FIRES	128	0	15	94	516
GASOLINE STA EVAP LOSS	0	0	0	2429	0
SOLVENT EVAPORATION LOSS	0	0	0	14249	0
UNPAVED ROADS	76176	0	0	0	0
UNPAVED AIRSTRIPS	13	0	0	0	0
TOTAL (MISCELLANEOUS)	76335	0	19	16796	660
GRAND TOTAL					
***********					
AREA SOURCES	90123	5644	25967	38580	174181
POINT SOURCES	2735	2549	1399	5045	278
TOTAL	92858	8193	27366	43625	174459

```
*** H03 ***                                                                                                   *** H03 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                  AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:48 VIRGINIA      AQCR:047 NATIONAL CAPITAL            POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES        SOX            NOX             HC              CO
                                ************    ************   ************   ************   ************
                                 TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                 118            1350            843             47            234
         NATURAL GAS                    109               7            874             88            219
         WOOD                           106               2              4             22            756
         TOTAL (RESIDENTIAL)            333            1359           1721            157           1209

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               2292           16383           9581            160            532
         RESIDUAL OIL                  3200           39133          20348            194            969
         TOTAL (ELEC GEN)              5492           55516          29929            354           1501

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 52             165             86              1              6
         RESIDUAL OIL
            POINT SOURCES                31             411            155              3             13
         NATURAL GAS
            AREA SOURCES                  6               0            289             81             35
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 58             165            375             82             41
            POINT SOURCES                31             411            155              3             13

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                  2               4              2              0              0
         RESIDUAL OIL
            POINT SOURCES               133            1738            717             12             60
         DISTILLATE OIL
            AREA SOURCES                 25             339            259             12             59
            POINT SOURCES                 9             151             95              4             21
         NATURAL GAS
            AREA SOURCES                 44               2            537             36             90
            POINT SOURCES                 1               0             15              0              1
         TOTAL (COMM-INST)
            AREA SOURCES                 71             345            798             48            149
            POINT SOURCES               143            1889            827             16             82

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                462            1869           2894            287           1399
            POINT SOURCES              5666           57816          30911            373           1596
```

```
*** H04 ***
GRAND TOTAL
***********

   AREA SOURCES                  38226         12834         56739         86133        411549

   POINT SOURCES                 10706        116942         41632         22997         16700

   TOTAL                         48932        129776         98371        109130        428249
```

```
*** H05 ***                                                                              *** H05 ***
    COMM-INSTITUTIONAL FUEL

       BITUMINOUS COAL
          AREA SOURCES                  185         155          71           4          11
          POINT SOURCES                   2         167          33           2           4
       RESIDUAL OIL
          AREA SOURCES                  320        4117        1138          16          90
          POINT SOURCES                  35         370         111           1           8
       DISTILLATE OIL
          AREA SOURCES                   55        1066         594          22         136
          POINT SOURCES                  25        1178         269          12          62
       NATURAL GAS
          AREA SOURCES                  139           6        1703         109         285
          POINT SOURCES                  28           1         507           9          44
       TOTAL (COMM-INST)
          AREA SOURCES                  699        5344        3506         151         522
          POINT SOURCES                  90        1716         920          24         118

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                 9763       24442       27305        5690       39459
          POINT SOURCES               37579       54790       70033        5994        7280

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

       DISTILLATE OIL                     1           9          14           1           3
       TOTAL (ELEC GEN)                   1           9          14           1           3

    TOTAL (INTERNAL COMB)                 1           9          14           1           3

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                 9763       24442       27305        5690       39459
          POINT SOURCES               37580       54799       70047        5995        7283

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING              14192        7699        2846         532          50
  FOOD/AGRICULTURAL                    2614           0           2           3          30
  PRIMARY METAL                        8789      220344         342        1326      184506
  SECONDARY METALS                      348           0           9           1         509
  MINERAL PRODUCTS                     4506        3648        1222          81        2070
  PETROLEUM INDUSTRY                   1979        9005        4148        6545        1519
  WOOD PRODUCTS                        9494        6336       10089        9735       10839
  ORGANIC SOLVENT EVAPORATION           182           0           2        3345           0
  PETROLEUM STORAGE/TRANSPORT             0           0           0        8020           0
  METAL FABRICATION                       9           0           0           0           0
  OTHER/NOT CLASSIFIED                   67         247          30          11           6
  TOTAL (INDUSTRIAL)                  42180      247279       18690       29599      199529

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

     MUNICIPAL INCINERATION               9           2           1           9          14
     OPEN BURNING                       125           8          46         232         657
     OTHER INCINERATION                  15           0           9           1           0
     TOTAL (GOVERNMENT)                 149          10          56         242         671

  RESIDENTIAL (AREA)

     ON SITE INCINERATION              4085          65         124       11484       34450
     OPEN BURNING                      4337         159        1109        5851       18553
```

```
  TOTAL (SOLID WASTE DISP)
           AREA SOURCES              5059        181       1265       6970      22056
           POINT SOURCES              317         86        174        653       3309

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES         21313       1113      26562      33349     270701
        LIGHT DUTY TRUCKS            7351        562      12576      13434      95169
        HEAVY DUTY VEHICLES          1608        174       5988       5965      82168
        OFF HIGHWAY                   148         75       1452       5240      56193
        TOTAL (GASOLINE)            30420       1924      46578      57988     504231

     DIESEL

        HEAVY DUTY VEHICLES          3229       1658      15864       1819       5250
        OFF HIGHWAY                  1831       1536      18521       2721       5481
        RAIL                         2035       4627      30026       7625      10547
        TOTAL (DIESEL)               7095       7821      64411      12165      21278

  AIRCRAFT

     MILITARY                         156         14         93        277        497
     CIVIL                              0          0          1         74       3628
     COMMERCIAL                        19         41        370        413        923
     TOTAL (AIRCRAFT)                 175         55        464        764       5048

  VESSELS

     DIESEL FUEL                      110        137       1026        268        359
     GASOLINE                           0          8         43       1724       5420
     TOTAL (VESSELS)                  110        145       1069       1992       5779

  TOTAL (TRANSPORTATION)            37800       9945     112522      72909     536336

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                   3255         25        764       4589      26779
  STRUCTURAL FIRES                    532          0         60        395       2155
  GASOLINE STA EVAP LOSS                0          0          0       8535          0
  SOLVENT EVAPORATION LOSS              0          0          0      41307          0
  UNPAVED ROADS                    251656          0          0          0          0
  TOTAL (MISCELLANEOUS)            255443         25        824      54826      28934

GRAND TOTAL
***********

  AREA SOURCES                     301008      15679     149732     145124     602680

  POINT SOURCES                    195423    1105577     388864      14981     193832

  TOTAL                            496431    1121256     538596     160105     796512
```

```
*** H08 ***
        TOTAL (AIRCRAFT)                  34          7         55        105        563

     VESSELS

        DIESEL FUEL                       24         31        228         61         79
        GASOLINE                           0          1          7        274        862
        TOTAL (VESSELS)                   24         32        235        335        941

     TOTAL (TRANSPORTATION)             4409        843       9241       7034      55482

MISCELLANEOUS (AREA)
********************

      FOREST WILDFIRES                     3          0          0          4         22
      STRUCTURAL FIRES                    48          0          5         37        198
      GASOLINE STA EVAP LOSS               0          0          0        937          0
      SOLVENT EVAPORATION LOSS             0          0          0       5298          0
      UNPAVED ROADS                     7494          0          0          0          0
      TOTAL (MISCELLANEOUS)             7545          0          5       6276        220

GRAND TOTAL
***********

      AREA SOURCES                     12389       1240      12574      14610      57711

      POINT SOURCES                    73942     443218     174100       7890      65652

      TOTAL                            86331     444458     186674      22500     123363
```

```
*** H09 ***                                                                                           *** H09 ***
     TOTAL  (EXTERNAL COMB)
                 AREA SOURCES          322           669          10721          3141          1874
                 POINT SOURCES       57902        152652          89115          1585          5131

   TOTAL  (FUEL COMBUSTION)

                 AREA SOURCES          322           669          10721          3141          1874
                 POINT SOURCES       57902        152652          89115          1585          5131

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              474         14744              0            42             0
   PRIMARY METAL                       803             0              0             0          7072
   SECONDARY METALS                    365             0              0             0           489
   MINERAL PRODUCTS                   1114           177             70            41             0
   TOTAL  (INDUSTRIAL)                2756         14921             70            83          7561

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL  (AREA)

      ON SITE INCINERATION              16             0              0            46           139
      OPEN BURNING                     381            15             97           513          1628
      TOTAL  (RESIDENTIAL)             397            15             97           559          1767

   INDUSTRIAL

      ON SITE INCINERATION
                 POINT SOURCES          28            49             41           291           389
      TOTAL  (INDUSTRIAL)
                 POINT SOURCES          28            49             41           291           389

   TOTAL  (SOLID WASTE DISP)
                 AREA SOURCES          397            15             97           559          1767
                 POINT SOURCES          28            49             41           291           389

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          4902           218           5035          6552         56116
         LIGHT DUTY TRUCKS            1581           100           2215          2573         19259
         HEAVY DUTY VEHICLES           348            33           1074          1219         16907
         OFF HIGHWAY                    21            11            202           728          7799
         TOTAL  (GASOLINE)            6852           362           8526         11072        100081

      DIESEL

         HEAVY DUTY VEHICLES           763           354           3412           441          1270
         OFF HIGHWAY                   262           219           2651           389           784
         RAIL                          334           761           4942          1256          1736
         TOTAL  (DIESEL)              1359          1334          11005          2086          3790

   AIRCRAFT

      MILITARY                          25             2             15            45            81
      CIVIL                              0             0              1            12           592
      COMMERCIAL                         5            11            100           111           249
      TOTAL  (AIRCRAFT)                 30            13            116           168           922

   VESSELS
```

```
*** H11 ***                                                                               *** H11 ***
    OPEN BURNING
            AREA SOURCES               3           0           1           4          15
    TOTAL (INDUSTRIAL)
            AREA SOURCES              10           1           2          11          24
            POINT SOURCES              6           1           6          66         780

  TOTAL (SOLID WASTE DISP)
            AREA SOURCES             349          12          74         579        1769
            POINT SOURCES             19           1           8          84         996

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

    GASOLINE

      LIGHT DUTY VEHICLES           2035         117        3011        3710       29824
      LIGHT DUTY TRUCKS              786          68        1592        1743       12276
      HEAVY DUTY VEHICLES            153          18         674         647        8824
      OFF HIGHWAY                     31          16         315        1136       12182
      TOTAL (GASOLINE)              3005         219        5592        7236       63106

    DIESEL

      HEAVY DUTY VEHICLES            330         178        1841         205         560
      OFF HIGHWAY                     87          74         879         130         259
      RAIL                            26          59         384          98         133
      TOTAL (DIESEL)                 443         311        3104         433         952

  AIRCRAFT

    CIVIL                              0           0           0          10         427
    TOTAL (AIRCRAFT)                   0           0           0          10         427

  VESSELS

    DIESEL FUEL                        8           9          71          19          25
    GASOLINE                           0          21          78        3164        9940
    TOTAL (VESSELS)                    8          30         149        3183        9965

  TOTAL (TRANSPORTATION)            3456         560        8845       10862       74450

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                    57           0          13          79         463
  STRUCTURAL FIRES                    45           0           4          34         181
  GASOLINE STA EVAP LOSS               0           0           0         922           0
  SOLVENT EVAPORATION LOSS             0           0           0        5318           0
  UNPAVED ROADS                    83188           0           0           0           0
  UNPAVED AIRSTRIPS                    2           0           0           0           0
  TOTAL (MISCELLANEOUS)            83292           0          17        6353         644

GRAND TOTAL
***********

  AREA SOURCES                     87731        1201        9814       17984       80975

  POINT SOURCES                    11562       11907        5527        4029        1602

  TOTAL                            99293       13108       15341       22013       82577
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                             ********************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                            *********************************

                                                                               RUN DATE:   TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
***************************                                       POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981
STATE:51 WISCONSIN      AQCR:240 SOUTHERN WISCONSIN

                                  PARTICULATES          SOX               NOX              HC               CO
                                  ************     ************     ************     ************     ************
                                   TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                   108              1243              776               44              215
         NATURAL GAS                       83                 5              663               66              168
         WOOD                             175                 3                8               35             1260
         TOTAL (RESIDENTIAL)              366              1251             1447              145             1643

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 1051             42050            25073              428             1641
         DISTILLATE OIL                     7               100               85                2               10
         NATURAL GAS                        2                 1              461                1               13
         TOTAL (ELEC GEN)                1060             42151            25619              431             1664

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                 484              2477              475               35               77
         RESIDUAL OIL
            POINT SOURCES                  15                65               70                1                6
         DISTILLATE OIL
            AREA SOURCES                    0                 3                3                0                0
            POINT SOURCES                   1               108               28                0                5
         NATURAL GAS
            AREA SOURCES                   37                 1             1036              186              116
            POINT SOURCES                   9                 0              191                3               19
         WOOD
            POINT SOURCES                  34                 4               30                6                6
         OTHER
            POINT SOURCES                   0                 0                6                0                1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   37                 4             1039              186              116
            POINT SOURCES                 543              2654              800               45              114

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                 562              3642              388               61              164
         RESIDUAL OIL
            AREA SOURCES                    7                92               26                0                1
            POINT SOURCES                   6                94               23                1                3
         DISTILLATE OIL
            AREA SOURCES                   12               174              133                5               32
            POINT SOURCES                  10               116               41                2               11
         NATURAL GAS
```

DIESEL					
HEAVY DUTY VEHICLES	402	175	1804	513	1136
OFF HIGHWAY	159	133	1605	237	475
RAIL	298	680	4413	1121	1550
TOTAL (DIESEL)	859	988	7822	1871	3161
AIRCRAFT					
MILITARY	53	5	32	93	168
CIVIL	0	0	1	13	590
COMMERCIAL	3	8	70	79	175
TOTAL (AIRCRAFT)	56	13	103	185	933
VESSELS					
GASOLINE	0	0	2	113	356
TOTAL (VESSELS)	0	0	2	113	356
TOTAL (TRANSPORTATION)	5308	1199	11445	12092	117402
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	270	2	64	381	2220
FOREST MANAGED BURNING	85	1	17	76	473
STRUCTURAL FIRES	32	0	3	25	133
GASOLINE STA EVAP LOSS	0	0	0	876	0
SOLVENT EVAPORATION LOSS	0	0	0	1584	0
UNPAVED ROADS	88760	0	0	0	0
UNPAVED AIRSTRIPS	36	0	0	0	0
TOTAL (MISCELLANEOUS)	89183	3	84	2942	2826
GRAND TOTAL ***********					
AREA SOURCES	95832	4285	26307	20951	125186
POINT SOURCES	1912	6325	4040	2910	3141
TOTAL	97744	10610	30347	23861	128327

```
*** H14 ***                                                                                              *** H14 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                           ********************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                          *********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:   TUESDAY     JANUARY 26, 1982
****************************                                 AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
STATE:55 VIRGIN ISLANDS  AQCR:247 U.S. VIRGIN ISLANDS       POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                              PARTICULATES        SOX           NOX            HC            CO
                              ************    ************  ************  ************  ************
                               TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES            233          3090          1095            18            91
         DISTILLATE OIL
            AREA SOURCES               0             3             2             0             0
            POINT SOURCES              0             5             1             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               0             3             2             0             0
            POINT SOURCES            233          3095          1096            18            91

      COMM-INSTITUTIONAL FUEL

         DISTILLATE OIL
            POINT SOURCES              0            20             3             0             1
         TOTAL (COMM-INST)
            POINT SOURCES              0            20             3             0             1

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               0             3             2             0             0
            POINT SOURCES            233          3115          1099            18            92

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES               0             3             2             0             0
            POINT SOURCES            233          3115          1099            18            92

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING            201            74             0             0             0
   MINERAL PRODUCTS                  860             0             0             0             0
   PETROLEUM INDUSTRY                211           754           843            31            49
   OTHER/NOT CLASSIFIED               30            74             0             0             0
   TOTAL (INDUSTRIAL)               1302           902           843            31            49

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES        1617           102          2318          2884         22017
         LIGHT DUTY TRUCKS           308            26           541           641          4335
```

```
*** H15 ***                                                                                                          *** H15 ***
GRAND TOTAL
***********

    AREA SOURCES                        124301          19815          87488         126086         503030

    POINT SOURCES                        28515         351388          77969          24236          54938

    TOTAL                               152816         371203         165457         150322         557968
```

```
                                     NATIONAL EMISSIONS DATA SYSTEM
                                     ******************************

                                     ENVIRONMENTAL PROTECTION AGENCY
                                     *******************************

AQCR EMISSIONS REPORT                                            RUN DATE:  TUESDAY    JANUARY 26, 1982
*****************************                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:017 METROPOLITAN FORT SMITH                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                           PARTICULATES       SOX           NOX           HC            CO
                           ************  ************  ************  ************  ************
                            TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

     RESIDENTIAL FUEL (AREA)

        BITUMINOUS COAL              2             9             0             2             8
        DISTILLATE OIL               0            10             7             0             3
        NATURAL GAS                 62             3           492            49           122
        WOOD                      1056            22            43           212          7596
        TOTAL (RESIDENTIAL)       1120            44           542           263          7729

     ELEC GENERATION (POINT)

        BITUMINOUS COAL            943          9375         21768           218           726
        DISTILLATE OIL               0            27            19             1             3
        TOTAL (ELEC GEN)           943          9402         21787           219           729

     INDUSTRIAL FUEL

        BITUMINOUS COAL
           AREA SOURCES            265          2799           492            13            32
        RESIDUAL OIL
           AREA SOURCES             23           305            76             1             6
        DISTILLATE OIL
           AREA SOURCES              1            11            15             0             1
        NATURAL GAS
           AREA SOURCES             40             1          5735          2158           763
           POINT SOURCES             5             0           103             1             8
        WOOD
           POINT SOURCES            24             6            40             8             8
        TOTAL (INDUSTRIAL)
           AREA SOURCES            329          3116          6318          2172           802
           POINT SOURCES            29             6           143             9            16

     COMM-INSTITUTIONAL FUEL


        ANTHRACITE COAL
           AREA SOURCES              2             4             2             0             0
        RESIDUAL OIL
           AREA SOURCES             37           542           137             2            12
        DISTILLATE OIL
           AREA SOURCES              1            19            15             0             3
        NATURAL GAS
           AREA SOURCES             31             2           366            24            61
        TOTAL (COMM-INST)
           AREA SOURCES             71           567           520            26            76
```

```
                                                                                                                  *** H17 ***
*** H17 ***
    FOREST WILDFIRES                    91508          806         21530        129184        753579
    FOREST MANAGED BURNING               4586           31           916          4126         25673
    STRUCTURAL FIRES                      389            0            46           289          1575
    GASOLINE STA EVAP LOSS                  0            0             0         10086             0
    SOLVENT EVAPORATION LOSS                0            0             0         46367             0
    UNPAVED ROADS                      287796            0             0             0             0
    UNPAVED AIRSTRIPS                      81            0             0             0             0
    TOTAL (MISCELLANEOUS)              384360          837         22492        190052        780827

GRAND TOTAL
***********

    AREA SOURCES                       434334        29156        187119        300566       1432739

    POINT SOURCES                       93608       316070        287483        109536         95231

    TOTAL                              527942       345226        474602        410102       1527970
```

RESIDUAL OIL	202	2671	439	31	15
GASOLINE	0	17	68	2700	8482
TOTAL (VESSELS)	540	3111	3655	3556	9597
TOTAL (TRANSPORTATION)	135223	15082	177906	192334	1741338
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	199	1	46	282	1644
FOREST MANAGED BURNING	218	1	44	197	1218
AGRICULTURAL BURNING	1	0	0	1	4
STRUCTURAL FIRES	1591	2	188	1192	6480
GASOLINE STA EVAP LOSS	0	0	0	20814	0
SOLVENT EVAPORATION LOSS	0	0	0	185799	0
UNPAVED ROADS	141116	0	0	0	0
UNPAVED AIRSTRIPS	2	0	0	0	0
TOTAL (MISCELLANEOUS)	143127	4	278	208285	9346
GRAND TOTAL ***********					
AREA SOURCES	291636	56641	222200	413536	1786167
POINT SOURCES	73085	318650	156846	253030	146668
TOTAL	364721	375291	379046	666566	1932835

****

MINERAL PRODUCTS	25	0	0	190	43
TOTAL (INDUSTRIAL)	25	0	0	190	43
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	282	3	8	793	2377
OPEN BURNING	225	7	55	301	957
TOTAL (RESIDENTIAL)	507	10	63	1094	3334
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	4	0	2	2	7
TOTAL (COMM-INST)					
AREA SOURCES	4	0	2	2	7
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	3	0	0	3	4
POINT SOURCES	137	2	20	216	2548
TOTAL (INDUSTRIAL)					
AREA SOURCES	3	0	0	3	4
POINT SOURCES	137	2	20	216	2548
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	514	10	65	1099	3345
POINT SOURCES	137	2	20	216	2548
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	1792	108	2059	4726	48859
LIGHT DUTY TRUCKS	1261	110	1833	3633	34025
HEAVY DUTY VEHICLES	78	10	214	395	6725
OFF HIGHWAY	7	4	77	281	3006
TOTAL (GASOLINE)	3138	232	4183	9035	92615
DIESEL					
HEAVY DUTY VEHICLES	215	116	1153	255	574
OFF HIGHWAY	68	58	688	102	202
RAIL	48	110	704	179	248
TOTAL (DIESEL)	331	284	2545	536	1024
AIRCRAFT					
CIVIL	0	0	0	11	499
TOTAL (AIRCRAFT)	0	0	0	11	499
VESSELS					
GASOLINE	0	2	5	241	760
TOTAL (VESSELS)	0	2	5	241	760
TOTAL (TRANSPORTATION)	3469	518	6733	9823	94898

*** I03 ***   *** I03 ***

TOTAL (FUEL COMBUSTION)					
AREA SOURCES	462	1869	2894	287	1399
POINT SOURCES	5666	57816	30911	373	1596
INDUSTRIAL PROCESS (POINT)					
***************************					
FOOD/AGRICULTURAL	2	0	0	110	0
PRIMARY METAL	2	0	0	0	0
SECONDARY METALS	1	0	0	0	81
MINERAL PRODUCTS	1581	0	0	0	0
ORGANIC SOLVENT EVAPORATION	2	0	0	60	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1604	0
TOTAL (INDUSTRIAL)	1588	0	0	1774	81
SOLID WASTE DISPOSAL					
**********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	0	1	1	9	14
OTHER INCINERATION	61	27	134	27	0
TOTAL (GOVERNMENT)	61	28	135	36	14
RESIDENTIAL (AREA)					
ON SITE INCINERATION	21	0	0	55	167
OPEN BURNING	303	11	78	408	1293
TOTAL (RESIDENTIAL)	324	11	78	463	1460
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	28	8	12	16	40
POINT SOURCES	34	18	60	10	288
TOTAL (COMM-INST)					
AREA SOURCES	28	8	12	16	40
POINT SOURCES	34	18	60	10	288
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	30	5	5	26	39
OPEN BURNING					
AREA SOURCES	1	0	0	1	5
TOTAL (INDUSTRIAL)					
AREA SOURCES	31	5	5	27	44
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	383	24	95	506	1544
POINT SOURCES	95	46	195	46	302
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	28191	890	20519	32770	305713
LIGHT DUTY TRUCKS	3206	148	3237	4645	37579
HEAVY DUTY VEHICLES	851	62	1960	3010	41245
OFF HIGHWAY	47	23	455	1639	17574
TOTAL (GASOLINE)	32295	1123	26171	42064	402111

TOTAL (RESIDENTIAL)	8422	224	1233	17335	53003
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	84	22	38	48	121
POINT SOURCES	18	33	58	25	460
OPEN BURNING					
AREA SOURCES	8	0	3	15	39
POINT SOURCES	60	0	14	84	492
TOTAL (COMM-INST)					
AREA SOURCES	92	22	41	63	160
POINT SOURCES	78	33	72	109	952
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	40	6	6	35	51
POINT SOURCES	1886	61	337	2353	26913
OPEN BURNING					
AREA SOURCES	82	3	24	131	484
POINT SOURCES	11	0	2	14	84
TOTAL (INDUSTRIAL)					
AREA SOURCES	122	9	30	166	535
POINT SOURCES	1897	61	339	2367	26997
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	8636	255	1304	17564	53698
POINT SOURCES	2124	104	467	2718	28620
TRANSPORTATION (AREA) ********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	84063	3026	75667	130225	1136434
LIGHT DUTY TRUCKS	22121	1192	27356	38882	303982
HEAVY DUTY VEHICLES	2556	213	7055	9740	130480
OFF HIGHWAY	280	146	2745	9893	106120
TOTAL (GASOLINE)	109020	4577	112823	188740	1677016
DIESEL					
HEAVY DUTY VEHICLES	10278	4475	44799	6310	17825
OFF HIGHWAY	2082	1743	21047	3095	6231
RAIL	972	2219	14389	3657	5055
TOTAL (DIESEL)	13332	8437	80235	13062	29111
AIRCRAFT					
MILITARY	1128	106	677	2007	3615
CIVIL	9	3	18	305	14011
COMMERCIAL	73	164	1523	1704	3800
TOTAL (AIRCRAFT)	1210	273	2218	4016	21426
VESSELS					
DIESEL FUEL	802	1002	7468	1958	2613
RESIDUAL OIL	548	7204	1183	81	39
GASOLINE	0	73	280	11115	34923
TOTAL (VESSELS)	1350	8279	8931	13154	37575
TOTAL (TRANSPORTATION)	124912	21566	204207	218972	1765128

```
*** I06 ***                                                                                          *** I06 ***
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************
                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************
STATE/AQCR EMISSIONS REPORT                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:49 WASHINGTON     AQCR:228 OLYMPIA-NORTHWEST WASHINGTON     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES       SOX           NOX           HC            CO
                              ************  ************  ************  ************  ************
                               TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               10            21             1            10            47
         DISTILLATE OIL                28           478           199            10            55
         NATURAL GAS                   21             0           162            15            40
         WOOD                        1255            24            52           251          9036
         TOTAL (RESIDENTIAL)         1314           523           414           286          9178

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              250           446           234             8            14
            POINT SOURCES             145            71            56             4             7
         RESIDUAL OIL
            AREA SOURCES               82          1135           287             5            24
            POINT SOURCES            1296         12649          1984           187           176
         DISTILLATE OIL
            AREA SOURCES               32           482           389            22            55
            POINT SOURCES               0             1             2             0             0
         NATURAL GAS
            AREA SOURCES               40             2          1951           551           241
            POINT SOURCES              95            21          1337          1173            33
         PROCESS GAS
            POINT SOURCES               0          3253             0             0             0
         WOOD
            POINT SOURCES            8059           784          5281          1201          1217
         TOTAL (INDUSTRIAL)
            AREA SOURCES              404          2065          2861           586           334
            POINT SOURCES            9595         16779          8660          2565          1433

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               18            17             7             0             0
         RESIDUAL OIL
            AREA SOURCES               33           480           121             0             8
         DISTILLATE OIL
            AREA SOURCES                5           127            64             2            15
            POINT SOURCES               6           189            67             3            16
         NATURAL GAS
            AREA SOURCES               13             0           160             9            26
            POINT SOURCES              13             1           227             4            21
         TOTAL (COMM-INST)
            AREA SOURCES               69           624           352            11            49
            POINT SOURCES              19           190           294             7            37
```

```
      DIESEL FUEL                        11          13          98          25          34
      GASOLINE                            0           1           6         241         756
      TOTAL (VESSELS)                    11          14         104         266         790

   TOTAL (TRANSPORTATION)              8252        1723       19751       13592      105583

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     525           4         123         740        4320
   STRUCTURAL FIRES                      90           0          11          68         368
   GASOLINE STA EVAP LOSS                 0           0           0        1697           0
   SOLVENT EVAPORATION LOSS               0           0           0        6038           0
   UNPAVED ROADS                      33055           0           0           0           0
   TOTAL (MISCELLANEOUS)              33670           4         134        8543        4688

GRAND TOTAL
***********

   AREA SOURCES                       42641        2411       30703       25835      113912

   POINT SOURCES                      60686      167622       89226        1959       13081

   TOTAL                             103327      170033      119929       27794      126993
```

```
*** I10 ***                                                                                                    *** I10 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

                                                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                              AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                             POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:51 WISCONSIN       AQCR:068 METROPOLITAN DUBUQUE

                                    PARTICULATES         SOX              NOX              HC               CO
                                    ************     ************     ************     ************     ************
                                     TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                    12              137               86                5               24
         NATURAL GAS                        4                0               35                4                9
         WOOD                              16                0                1                3              117
         TOTAL (RESIDENTIAL)               32              137              122               12              150

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                  351            54891            16939              112              372
         DISTILLATE OIL                     0                3                8                0                0
         TOTAL (ELEC GEN)                 351            54894            16947              112              372

      INDUSTRIAL FUEL

         NATURAL GAS
            AREA SOURCES                    1                0               34                6                4
         TOTAL (INDUSTRIAL)
            AREA SOURCES                    1                0               34                6                4

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                 120              106               28                2                3
         RESIDUAL OIL
            AREA SOURCES                    0                6                2                0                0
         DISTILLATE OIL
            AREA SOURCES                    1               11                8                0                2
         NATURAL GAS
            AREA SOURCES                    2                0               25                2                4
            POINT SOURCES                   0                0                8                0                1
         TOTAL (COMM-INST)
            AREA SOURCES                    3               17               35                2                6
            POINT SOURCES                 120              106               36                2                4

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                   36              154              191               20              160
            POINT SOURCES                 471            55000            16983              114              376

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                   36              154              191               20              160
            POINT SOURCES                 471            55000            16983              114              376

INDUSTRIAL PROCESS (POINT)
```

*** I11 *** *** I11 ***

AREA SOURCES	55	2	647	43	108
POINT SOURCES	8	0	1193	2	32
TOTAL (COMM-INST)					
AREA SOURCES	74	268	806	48	141
POINT SOURCES	586	3852	1645	66	210
TOTAL (EXTERNAL COMB)					
AREA SOURCES	477	1523	3292	379	1900
POINT SOURCES	2189	48657	28064	542	1988
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	8	106	96	7	21
NATURAL GAS	3	0	68	6	17
TOTAL (ELEC GEN)	11	106	164	13	38
INDUSTRIAL FUEL					
DISTILLATE OIL	6	63	85	6	19
NATURAL GAS	0	0	7	1	3
TOTAL (INDUSTRIAL)	6	63	92	7	22
TOTAL (INTERNAL COMB)	17	169	256	20	60
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	477	1523	3292	379	1900
POINT SOURCES	2206	48826	28320	562	2048
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	0	0	469	0	0
FOOD/AGRICULTURAL	1718	45	28	12	57
SECONDARY METALS	151	84	47	311	1024
MINERAL PRODUCTS	1719	42	24	2	5
WOOD PRODUCTS	85	0	0	0	0
ORGANIC SOLVENT EVAPORATION	0	0	6	3214	822
PETROLEUM STORAGE/TRANSPORT	0	0	0	2015	0
TEXTILE MANUFACTURING	0	0	1	0	0
TOTAL (INDUSTRIAL)	3673	171	575	5554	1908
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	30	3	2	2	35
TOTAL (GOVERNMENT)	30	3	2	2	35
RESIDENTIAL (AREA)					
ON SITE INCINERATION	307	4	9	866	2598
OPEN BURNING	861	32	220	1161	3685
TOTAL (RESIDENTIAL)	1168	36	229	2027	6283
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	75	21	35	43	98
OPEN BURNING					
AREA SOURCES	2	0	1	3	9
TOTAL (COMM-INST)					
AREA SOURCES	77	21	36	46	107

```
*** I14 ***                                                                                  *** I14 ***
          HEAVY DUTY VEHICLES           173        22        700       619      8909
          TOTAL (GASOLINE)             2098       150       3559      4144     35261

      DIESEL

          HEAVY DUTY VEHICLES             5         3         25         3         8
          TOTAL (DIESEL)                  5         3         25         3         8

   AIRCRAFT

      COMMERCIAL                         47       103        961      1076      2400
      TOTAL (AIRCRAFT)                   47       103        961      1076      2400

   VESSELS

      RESIDUAL OIL                        3        36          6         0         0
      TOTAL (VESSELS)                     3        36          6         0         0

   TOTAL (TRANSPORTATION)              2153       292       4551      5223     37669

MISCELLANEOUS (AREA)
********************

   GASOLINE STA EVAP LOSS                 0         0          0       661         0
   SOLVENT EVAPORATION LOSS               0         0          0        33         0
   TOTAL (MISCELLANEOUS)                  0         0          0       694         0

GRAND TOTAL
***********

   AREA SOURCES                        2153       295       4553      5917     37669

   POINT SOURCES                       1535      4017       1942        49       141

   TOTAL                               3688      4312       6495      5966     37810
```

```
*** I16 ***                                                                                              *** I16 ***
      TOTAL (EXTERNAL COMB)
            AREA SOURCES              1520          3727          7380          2461          8607
            POINT SOURCES              972          9408         21930           228           745

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              1520          3727          7380          2461          8607
            POINT SOURCES              972          9408         21930           228           745

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             1905             0             0           476          1524
   FOOD/AGRICULTURAL                   378             0             0             0             0
   PRIMARY METAL                       568            30           120             0             0
   MINERAL PRODUCTS                   6087             0             0             0             0
   ORGANIC SOLVENT EVAPORATION           0             0             0           727             0
   PETROLEUM STORAGE/TRANSPORT           0             0             0             1             0
   METAL FABRICATION                     3             0             0             0             0
   TOTAL (INDUSTRIAL)                 8941            30           120          1204          1524

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             102             0             3           287           860
      OPEN BURNING                     861            32           219          1162          3684
      TOTAL (RESIDENTIAL)              963            32           222          1449          4544

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                17             5             9             9            23
      TOTAL (COMM-INST)
            AREA SOURCES                17             5             9             9            23

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                10             2             2            10            14
      OPEN BURNING
            AREA SOURCES                 4             0             1             5            20
      TOTAL (INDUSTRIAL)
            AREA SOURCES                14             2             3            15            34

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               994            39           234          1473          4601

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          5823           277          6502          8792         72938
         LIGHT DUTY TRUCKS            1882           120          2596          3326         24725
         HEAVY DUTY VEHICLES           546            51          1665          1866         26137
         OFF HIGHWAY                    37            19           365          1309         14033
         TOTAL (GASOLINE)             8288           467         11128         15293        137833

      DIESEL

         HEAVY DUTY VEHICLES          2643          1217         10954          1371          4046
         OFF HIGHWAY                   267           224          2694           397           797
```

```
*** J01 ***
********************

    FOREST WILDFIRES                     424          3        100        602       3501
    FOREST MANAGED BURNING              1518         12        304       1366       8502
    STRUCTURAL FIRES                      17          0          0         12         64
    GASOLINE STA EVAP LOSS                 0          0          0        668          0
    SOLVENT EVAPORATION LOSS               0          0          0       1112          0
    UNPAVED ROADS                     205288          0          0          0          0
    UNPAVED AIRSTRIPS                     12          0          0          0          0
    TOTAL (MISCELLANEOUS)             207259         15        404       3760      12067

GRAND TOTAL
***********

    AREA SOURCES                      211582       1206       7610      14795     111529

    POINT SOURCES                       1074      18463      18685        718       3632

    TOTAL                             212656      19669      26295      15513     115161
```

```
*** J02 ***                                                                                                  *** J02 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                              RUN DATE:  TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                         AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                                        POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:47 VERMONT          AQCR:159 CHAMPLAIN VALLEY

                                  PARTICULATES        SOX            NOX             HC             CO
                                  ************   ************   ************   ************   ************
                                   TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                    6             15              2              1             52
         DISTILLATE OIL                    83            959            599             34            166
         NATURAL GAS                        6              0             48              5             13
         WOOD                             869             17             35            175           6246
         TOTAL (RESIDENTIAL)              964            991            684            215           6477

      ELEC GENERATION (POINT)

         RESIDUAL OIL                       0             58             25              0              1
         NATURAL GAS                        0              0            190              0              5
         OTHER                             74             60            397             79             79
         TOTAL (ELEC GEN)                  74            118            612             79             85

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                    8             22             10              0              0
         BITUMINOUS COAL
            AREA SOURCES                    1             10              6              0              0
         RESIDUAL OIL
            AREA SOURCES                    9            150             33              0              3
            POINT SOURCES                   6             78             19              0              2
         DISTILLATE OIL
            AREA SOURCES                    0              3              3              0              0
            POINT SOURCES                   1             89             10              0              2
         NATURAL GAS
            POINT SOURCES                   6              0             99              2              9
         COKE
            AREA SOURCES                   10             23              7              0              3
         WOOD
            POINT SOURCES                 131              9             55             11             11
         LIQUID PETROL GAS
            POINT SOURCES                   0              0              0              0             46
         TOTAL (INDUSTRIAL)
            AREA SOURCES                   28            208             59              0              6
            POINT SOURCES                 144            176            183             13             70

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                   16            253             56              0              4
            POINT SOURCES                   1             14              4              0              0
```

```
*** J03 ***                                                                                              *** J03 ***
     DIESEL

          HEAVY DUTY VEHICLES              1416         556        5335         822        2385
          OFF HIGHWAY                       912         764        9216        1355        2728
          RAIL                              270         616        3999        1016        1407
          TOTAL (DIESEL)                   2598        1936       18550        3193        6520

     AIRCRAFT

          MILITARY                          555          52         334         988        1779
          CIVIL                               1           0           3          35        1671
          COMMERCIAL                         16          34         320         358         799
          TOTAL (AIRCRAFT)                  572          86         657        1381        4249

     VESSELS

          DIESEL FUEL                        16          21         148          38          51
          GASOLINE                            0           1           5         168         528
          TOTAL (VESSELS)                    16          22         153         206         579

     TOTAL (TRANSPORTATION)               35481        3167       45531       46844      413459

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                        11           0           2          14          85
     FOREST MANAGED BURNING                   1           0           0           1           4
     STRUCTURAL FIRES                        31           0           3          23         124
     GASOLINE STA EVAP LOSS                   0           0           0        6004           0
     SOLVENT EVAPORATION LOSS                 0           0           0       16060           0
     UNPAVED ROADS                        10263           0           0           0           0
     TOTAL (MISCELLANEOUS)                10306           0           5       22102         213

GRAND TOTAL
***********

     AREA SOURCES                         46632        5060       48525       69739      416615

     POINT SOURCES                         7349       57862       31106        2193        1979

     TOTAL                                53981       62922       79631       71932      418594
```

```
                                   NATIONAL EMISSIONS DATA SYSTEM
                                  ********************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                  *********************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:    TUESDAY    JANUARY 26, 1982
*******************************                            AREA EMISSIONS AS OF:    TUESDAY       JULY 21, 1981
STATE:48 VIRGINIA       AQCR:224 NORTHEASTERN VIRGINIA    POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                              PARTICULATES          SOX             NOX             HC              CO
                              ************     ************    ************    ************    ************
                               TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              82             945             592              35             164
            NATURAL GAS                 14               0             113              12              25
            WOOD                      1940              42              76             392           13932
            TOTAL (RESIDENTIAL)       2036             987             781             439           14121

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            172            9879            7766              91             302
            DISTILLATE OIL               7             220             153               5              25
            TOTAL (ELEC GEN)           179           10099            7919              96             327

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES           236             745             393               9              23
                POINT SOURCES            0               2               0               2               7
            RESIDUAL OIL
                POINT SOURCES          359            9110            1519              24             127
            DISTILLATE OIL
                POINT SOURCES            2              52              27               1               6
            NATURAL GAS
                AREA SOURCES            19               0            1022             288             124
            WOOD
                POINT SOURCES          642              81             537             108             108
            LIQUID PETROL GAS
                POINT SOURCES            0               0               3               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           255             745            1415             297             147
                POINT SOURCES         1003            9245            2086             135             248

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES             1               3               1               0               0
            BITUMINOUS COAL
                POINT SOURCES           67             369              93               6              12
            RESIDUAL OIL
                POINT SOURCES           24             314              53               1               5
            DISTILLATE OIL
                AREA SOURCES             3              85              65               2              14
                POINT SOURCES            4              89              45               2              10
            NATURAL GAS
```

```
*** J05 ***
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  4041         35        951       5704      33277
    FOREST MANAGED BURNING           77884        583      15576      70093     436133
    AGRICULTURAL BURNING              1730          0        242       2044      11370
    STRUCTURAL FIRES                   976          1        113        732       3965
    GASOLINE STA EVAP LOSS               0          0          0      18668          0
    SOLVENT EVAPORATION LOSS             0          0          0      98367          0
    UNPAVED ROADS                    21411          0          0          0          0
    UNPAVED AIRSTRIPS                  385          0          0          0          0
    TOTAL (MISCELLANEOUS)           106427        619      16882     195608     484745

GRAND TOTAL
***********

    AREA SOURCES                    249738      46882     249698     437834    2343030

    POINT SOURCES                    81884     302182      89204      38312     235432

    TOTAL                           331622     349064     338902     476146    2578462
```

```
*** J06 ***                                                                                    *** J06 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES              1787         3212         3627          883         9561
                POINT SOURCES             9614        16969         8954         2572         1470

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES              1787         3212         3627          883         9561
                POINT SOURCES             9614        16969         8954         2572         1470

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                3378         6633           21           20            0
    FOOD/AGRICULTURAL                       58            0            0            0            0
    PRIMARY METAL                         1137         4436            0            0        46492
    SECONDARY METALS                         9            0            3            1          326
    MINERAL PRODUCTS                       449         1260          482            0            0
    PETROLEUM INDUSTRY                    1968         9005         4109         5014         1516
    WOOD PRODUCTS                         3328         3675           76          465          708
    ORGANIC SOLVENT EVAPORATION            100            0            0          100            0
    PETROLEUM STORAGE/TRANSPORT              0            0            0         2854            0
    OTHER/NOT CLASSIFIED                    62            3           30            6            6
    TOTAL (INDUSTRIAL)                   10489        25012         4721         8460        49048

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION               0            0            0            0            1
        OPEN BURNING                        40            2           15           73          206
        TOTAL (GOVERNMENT)                  40            2           15           73          207

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              1129           18           34         3178         9529
        OPEN BURNING                      1061           39          271         1430         4534
        TOTAL (RESIDENTIAL)               2190           57          305         4608        14063

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                23            5           11           14           33
                POINT SOURCES               15           30           40           25          460
        TOTAL (COMM-INST)
                AREA SOURCES                23            5           11           14           33
                POINT SOURCES               15           30           40           25          460

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                13            2            2           11           16
                POINT SOURCES              418           16           43          233         3305
        OPEN BURNING
                AREA SOURCES                 5            0            0            5           25
                POINT SOURCES                2            0            0            2           14
        TOTAL (INDUSTRIAL)
                AREA SOURCES                18            2            2           16           41
                POINT SOURCES              420           16           43          235         3319

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              2231           64          318         4638        14137
                POINT SOURCES              475           48           98          333         3986

TRANSPORTATION (AREA)
*********************
```

```
*** J07 ***                                                                                  *** J07 ***

                                      NATIONAL EMISSIONS DATA SYSTEM
                                      ******************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                      *******************************

                                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                           AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:50 WEST VIRGINIA   AQCR:103 HUNTINGTON-ASHLAND-PORTSMOUTH-

                            PARTICULATES         SOX            NOX            HC             CO
                            ************     ************   ************   ************   ************
                             TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               17             65              2             17             77
         DISTILLATE OIL                 5             52             34              1              9
         NATURAL GAS                   30              1            237             24             60
         [illegible]                   33              0              1              7            234
         TOTAL (RESIDENTIAL)           85            118            274             49            380

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            28820          35550          17727            296            988
         DISTILLATE OIL                 0            113             55              2              9
         TOTAL (ELEC GEN)           28820          35663          17782            298            997

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              45            690            284             19             38
         DISTILLATE OIL
            AREA SOURCES               15            140            169             10             23
            POINT SOURCES              25            102            121              5             15
         NATURAL GAS
            AREA SOURCES               33              1           2758            877            336
            POINT SOURCES              13              1            371              4             21
         TOTAL (INDUSTRIAL)
            AREA SOURCES               48            141           2927            887            359
            POINT SOURCES              83            793            776             28             74

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                0              1              0              0              0
         DISTILLATE OIL
            AREA SOURCES                2             41             31              1              8
         NATURAL GAS
            AREA SOURCES               13              1            157             11             26
            POINT SOURCES               0              0              3              0              0
         TOTAL (COMM-INST)
            AREA SOURCES               15             43            188             12             34
            POINT SOURCES               0              0              3              0              0

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              148            302           3389            948            773
            POINT SOURCES           28903          36456          18561            326           1071
```

```
*** JOB ***                                                                                             *** JOB ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:50 WEST VIRGINIA   AQCR:231 ALLEGHENY

                              PARTICULATES        SOX            NOX            HC             CO
                              ************    ************   ************   ************   ************
                               TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              106            405             16            106            480
            DISTILLATE OIL                25            309            193             10             54
            NATURAL GAS                   10              0             78              8             19
            WOOD                         470              9             21             95           3375
            TOTAL (RESIDENTIAL)          611            723            308            219           3928

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             1525         110811          27447            462           1541
            DISTILLATE OIL                 0            414            282             10             48
            TOTAL (ELEC GEN)            1525         111225          27729            472           1589

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES            219            101             87              6             14
            RESIDUAL OIL
                POINT SOURCES              9            119             45              1              4
            DISTILLATE OIL
                AREA SOURCES               5             70             84              5             12
            NATURAL GAS
                AREA SOURCES               7              0            680            216             84
            WOOD
                POINT SOURCES            165             32            214             43             43
            TOTAL (INDUSTRIAL)
                AREA SOURCES              12             70            764            221             96
                POINT SOURCES            393            252            346             50             61

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              21             53             23              0              2
            BITUMINOUS COAL
                POINT SOURCES            321             99             44              3              6
            RESIDUAL OIL
                POINT SOURCES             22            288             51              1              5
            DISTILLATE OIL
                AREA SOURCES               2             46             34              1              6
                POINT SOURCES              0              1              1              0              0
            NATURAL GAS
                AREA SOURCES               4              0             79              4             14
            WOOD
```

```
*** J10 ***                                                                                      *** J10 ***
***************************

    MINERAL PRODUCTS                     121          0          0          0          0
    ORGANIC SOLVENT EVAPORATION            0          0          1        186          0
    TOTAL (INDUSTRIAL)                   121          0          1        186          0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              26          0          1         72        216
        OPEN BURNING                      72          3         18         97        308
        TOTAL (RESIDENTIAL)               98          3         19        169        524

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               6          2          3          4          8
        TOTAL (COMM-INST)
                AREA SOURCES               6          2          3          4          8

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               3          1          1          2          3
        OPEN BURNING
                AREA SOURCES               1          0          0          1          5
        TOTAL (INDUSTRIAL)
                AREA SOURCES               4          1          1          3          8

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             108          6         23        176        540

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          663         38        955       1146       9293
            LIGHT DUTY TRUCKS            254         20        476        538       3865
            HEAVY DUTY VEHICLES           67          8        281        271       3707
            OFF HIGHWAY                   15          8        145        521       5586
            TOTAL (GASOLINE)             999         74       1857       2476      22451

        DIESEL

            HEAVY DUTY VEHICLES           88         47        489         55        151
            OFF HIGHWAY                   44         37        443         65        131
            RAIL                           8         18        117         30         41
            TOTAL (DIESEL)               140        102       1049        150        323

    AIRCRAFT

        CIVIL                              0          0          0          4        188
        TOTAL (AIRCRAFT)                   0          0          0          4        188

    VESSELS

        GASOLINE                           0          2          9        377       1184
        TOTAL (VESSELS)                    0          2          9        377       1184

    TOTAL (TRANSPORTATION)              1139        178       2915       3007      24146
```

```
*** J11 ***                                                                                        *** J11 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                         RUN DATE:  TUESDAY     JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                               POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:51 WISCONSIN      AQCR:237 LAKE MICHIGAN

                               PARTICULATES          SOX           NOX           HC            CO
                               ************     ************  ************  ************  ************
                                TONS / YR        TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  138           1585           990            56           276
         NATURAL GAS                     141              7          1141           114           285
         WOOD                            474             11            19            96          3402
         TOTAL (RESIDENTIAL)             753           1603          2150           266          3963

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                7774          87555         34182           349          1036
         RESIDUAL OIL                      0             13             7             0             0
         DISTILLATE OIL                    0              2             1             0             0
         NATURAL GAS                       0              0             1             0             0
         TOTAL (ELEC GEN)               7774          87570         34191           349          1036

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES               9280          50487         15306           403           987
         RESIDUAL OIL
            POINT SOURCES                200           4201           645            20            65
         DISTILLATE OIL
            AREA SOURCES                   0              6            10             0             0
            POINT SOURCES                  6            206            80             4            24
         NATURAL GAS
            AREA SOURCES                 122              6          3664           658           408
            POINT SOURCES                 61              5          2391            18           136
         WOOD
            POINT SOURCES               1885            226          1472           301           298
         LIQUID PETROL GAS
            POINT SOURCES                  1              0             7             0             1
         OTHER
            POINT SOURCES                112          16386           694             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 122             12          3674           658           408
            POINT SOURCES              11545          71511         20595           746          1511

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES                 11              9             4             0             1
         RESIDUAL OIL
            AREA SOURCES                   9            137            34             0             1
         DISTILLATE OIL
            AREA SOURCES                  17            255           196             8            43
```

```
*** J12 ***                                                                                    *** J12 ***
    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                35            7            7           32           48
                POINT SOURCES               10            2           17            3           38
        OPEN BURNING
                AREA SOURCES                19            1            6           30          110
                POINT SOURCES              177            0           42          251         1461
        TOTAL (INDUSTRIAL)
                AREA SOURCES                54            8           13           62          158
                POINT SOURCES              187            2           59          254         1499

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              1299           65          278         2135         6548
                POINT SOURCES              217            5           61          256         1534

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           9705          428        10574        14433       126159
            LIGHT DUTY TRUCKS             2328          151         3567         4460        33954
            HEAVY DUTY VEHICLES            739           69         2458         2893        39384
            OFF HIGHWAY                    112           59         1104         3983        42715
            TOTAL (GASOLINE)             12884          707        17703        25769       242212

        DIESEL

            HEAVY DUTY VEHICLES           1541          740         7645          963         2643
            OFF HIGHWAY                    364          306         3675          542         1088
            RAIL                            98          219         1417          360          498
            TOTAL (DIESEL)                2003         1265        12737         1865         4229

    AIRCRAFT

        MILITARY                            93            9           56          165          298
        CIVIL                                1            0            1           42         1846
        COMMERCIAL                           7           15          138          155          345
        TOTAL (AIRCRAFT)                   101           24          195          362         2489

    VESSELS

        GASOLINE                             0            6           27         1119         3515
        TOTAL (VESSELS)                      0            6           27         1119         3515

    TOTAL (TRANSPORTATION)               14988         2002        30662        29115       252445

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        69            0           15           95          564
    STRUCTURAL FIRES                       167            0           20          125          673
    GASOLINE STA EVAP LOSS                   0            0            0         3261            0
    SOLVENT EVAPORATION LOSS                 0            0            0        20463            0
    UNPAVED ROADS                        47688            0            0            0            0
    TOTAL (MISCELLANEOUS)                47924            0           35        23944         1237

GRAND TOTAL
***********

    AREA SOURCES                         64688         3590        34267        55573       262130

    POINT SOURCES                         6096        49002        28956         6372         5490
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

                                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
******************************                             POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:52 WYOMING       AQCR:243 WYOMING

                             PARTICULATES        SOX             NOX             HC              CO
                             ************    ************    ************    ************    ************
                              TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
****************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               53              44               5              53             241
         DISTILLATE OIL                 0              19               7               0               0
         NATURAL GAS                   42               0             327              31              79
         WOOD                         154               3               5              32            1098
         TOTAL (RESIDENTIAL)          249              66             344             116            1418

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            11309           92305           85719            1517            4898
         DISTILLATE OIL                 1              86              79               2              13
         NATURAL GAS                    2               0             133               0               3
         TOTAL (ELEC GEN)           11312           92391           85931            1519            4914

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              393            1537             788              24              51
            POINT SOURCES             580           23753           16477             251             753
         RESIDUAL OIL
            POINT SOURCES             169            2173             511              16              43
         DISTILLATE OIL
            AREA SOURCES               42             612             495              27              70
            POINT SOURCES               6             156              68               3              16
         NATURAL GAS
            AREA SOURCES              114               7           20060            7767            2700
            POINT SOURCES              88              48            3422              65              91
         WOOD
            POINT SOURCES             212              16             107             134              93
         TOTAL (INDUSTRIAL)
            AREA SOURCES              549            2156           21343            7818            2821
            POINT SOURCES            1055           26146           20585             469             996

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              194             261             149              12              32
         RESIDUAL OIL
            AREA SOURCES                0              13               3               0               0
         DISTILLATE OIL
            AREA SOURCES                0              18               6               0               1
         NATURAL GAS
            AREA SOURCES               12               0             148               8              23
         TOTAL (COMM-INST)
```

```
*** J15 ***                                                                                          *** J15 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

AQCR EMISSIONS REPORT                                                     RUN DATE:  TUESDAY    JANUARY 26, 1982
*********************                                         AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:012 ARIZONA-NEW MEXICO-SOUTHERN BORDER                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX           NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL              0              6              2              0              1
            NATURAL GAS                16              0            120             12             30
            WOOD                       46              1              2              9            333
            TOTAL (RESIDENTIAL)        62              7            124             21            364

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           565           1011          13188            133            443
            RESIDUAL OIL                5             56            155              1              5
            DISTILLATE OIL              5             35             72              2             12
            NATURAL GAS                17              1           1164              2             30
            TOTAL (ELEC GEN)          592           1103          14579            138            490

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          234            800            422             14             27
            RESIDUAL OIL
                POINT SOURCES         480           1821            684             10             50
            DISTILLATE OIL
                AREA SOURCES            3             34             28              1              4
                POINT SOURCES          71             76             10              0              2
            NATURAL GAS
                AREA SOURCES            1              0            214             84             29
                POINT SOURCES           2              0           1237              1              7
            TOTAL (INDUSTRIAL)
                AREA SOURCES          238            834            664             99             60
                POINT SOURCES         553           1897           1931             11             59

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         111            176            185              3             10
            RESIDUAL OIL
                AREA SOURCES            1             19              4              0              0
            DISTILLATE OIL
                AREA SOURCES            0             12              6              0              1
            NATURAL GAS
                AREA SOURCES            3              0             38              2              7
                POINT SOURCES           0              0             91              0              3
            OTHER
                POINT SOURCES           1              0              2              0              0
            TOTAL (COMM-INST)
```

RAIL	89	199	1296	329	454
TOTAL (DIESEL)	2999	1640	14944	2097	5297
AIRCRAFT					
MILITARY	37	3	22	65	117
CIVIL	0	0	0	18	843
COMMERCIAL	10	22	205	229	511
TOTAL (AIRCRAFT)	47	25	227	312	1471
VESSELS					
DIESEL FUEL	2	2	14	4	4
GASOLINE	0	5	19	791	2485
TOTAL (VESSELS)	2	7	33	795	2489
TOTAL (TRANSPORTATION)	11336	2139	26332	18497	147090
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	1278	12	301	1805	10524
FOREST MANAGED BURNING	438	2	88	394	2454
STRUCTURAL FIRES	93	0	13	71	381
GASOLINE STA EVAP LOSS	0	0	0	1906	0
SOLVENT EVAPORATION LOSS	0	0	0	18777	0
UNPAVED ROADS	120957	0	0	0	0
TOTAL (MISCELLANEOUS)	122766	14	402	22953	13359
GRAND TOTAL ************					
AREA SOURCES	136616	5919	34348	45384	173657
POINT SOURCES	9913	9438	22050	1432	2269
TOTAL	146529	15357	56398	46816	175926

```
*** J17 ***                                                                                              *** J17 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

AQCR EMISSIONS REPORT                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
*****************************                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:042 HARTFORD-NEW HAVEN-SPRINGFIELD                        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                PARTICULATES        SOX            NOX             HC              CO
                                ************    ************   ************    ************    ************
                                 TONS / YR       TONS / YR      TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                26              66              7               6             225
         DISTILLATE OIL                693            7987           4993             277            1387
         NATURAL GAS                   124               7            991             100             248
         WOOD                          548              11             22             110            3942
         TOTAL (RESIDENTIAL)          1391            8071           6013             493            5802

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               382              25             68               5               9
         RESIDUAL OIL                 2148           32471          26798             370            1275
         NATURAL GAS                    19               1           1299               2              31
         TOTAL (ELEC GEN)             2549           32497          28165             377            1315

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               139             932            245               7              16
            POINT SOURCES              638             145            151               2               7
         RESIDUAL OIL
            AREA SOURCES               478             874           1649              28             137
            POINT SOURCES              624           13797           5625             130             469
         DISTILLATE OIL
            AREA SOURCES                64             615            747              40             106
            POINT SOURCES               10             331            121               5              27
         NATURAL GAS
            AREA SOURCES                68               4           1414             102             142
            POINT SOURCES                8               0            232               3              15
         WOOD
            POINT SOURCES                0               1              3               1               1
         TOTAL (INDUSTRIAL)
            AREA SOURCES               749            2425           4055             177             401
            POINT SOURCES             1280           14274           6132             141             519

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                 5              13              6               0               0
         BITUMINOUS COAL
            POINT SOURCES              966             734            290              19              39
         RESIDUAL OIL
            AREA SOURCES                24             197             83               1               7
            POINT SOURCES              143            1875            751              13              63
```

```
                                    NATIONAL EMISSIONS DATA SYSTEM
                                    ******************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                    *******************************

                                                               RUN DATE:  TUESDAY   JANUARY 26, 1982
AQCR EMISSIONS REPORT                               AREA EMISSIONS AS OF:  TUESDAY      JULY 21, 1981
*****************************                      POINT EMISSIONS AS OF:  THURSDAY      MAY 28, 1981
AQCR:047 NATIONAL CAPITAL

                        PARTICULATES         SOX          NOX           HC           CO
                        ************     ************ ************ ************ ************
                         TONS / YR       TONS / YR    TONS / YR    TONS / YR    TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL            24           64            6            5          217
         BITUMINOUS COAL             5           16            0            5           19
         DISTILLATE OIL            278         3194         1996          110          554
         NATURAL GAS               327           20         2614          262          655
         WOOD                      265            5           10           54         1899
         TOTAL (RESIDENTIAL)       899         3299         4626          436         3344

      ELEC GENERATION (POINT)

         BITUMINOUS COAL         24474        68103        28178          470         1565
         RESIDUAL OIL             3222        40946        21137          205         1026
         DISTILLATE OIL            362         8403         5616          125          624
         TOTAL (ELEC GEN)        28058       117452        54931          800         3215

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            52          165           86            1            6
            POINT SOURCES         2209         4798         2309          154          308
         RESIDUAL OIL
            POINT SOURCES          102         1896          740           14           66
         DISTILLATE OIL
            AREA SOURCES            29          277          336           19           48
            POINT SOURCES            5           50           44            2           10
         NATURAL GAS
            AREA SOURCES            90            4         2561          436          285
            POINT SOURCES            2            0          132            0            3
         OTHER
            POINT SOURCES            9          325          192            1            4
         TOTAL (INDUSTRIAL)
            AREA SOURCES           171          446         2983          456          339
            POINT SOURCES         2327         7069         3417          171          391

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES             2            4            2            0            0
         BITUMINOUS COAL
            AREA SOURCES           158          356           69            5           15
         RESIDUAL OIL
            POINT SOURCES          403         8986         3723           60          310
         DISTILLATE OIL
```

POINT SOURCES

*** K02 *** *** K02 ***

DISTILLATE OIL					
AREA SOURCES	11	164	125	6	29
POINT SOURCES	3	233	31	1	7
NATURAL GAS					
AREA SOURCES	0	0	1	0	0
POINT SOURCES	0	0	11	0	1
TOTAL (COMM-INST)					
AREA SOURCES	27	417	182	6	33
POINT SOURCES	4	247	46	1	8
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1019	1616	925	221	6516
POINT SOURCES	222	541	841	93	163
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	4	10	47	4	11
TOTAL (ELEC GEN)	4	10	47	4	11
TOTAL (INTERNAL COMB)	4	10	47	4	11
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1019	1616	925	221	6516
POINT SOURCES	226	551	888	97	174
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	0	0	0	15	0
FOOD/AGRICULTURAL	923	0	0	0	0
SECONDARY METALS	2	0	0	0	0
MINERAL PRODUCTS	67	0	0	0	0
WOOD PRODUCTS	330	0	0	21	0
ORGANIC SOLVENT EVAPORATION	5	0	0	1539	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1264	0
OTHER/NOT CLASSIFIED	0	47	1	398	0
TOTAL (INDUSTRIAL)	1327	47	1	3237	0
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	142	2	5	401	1205
OPEN BURNING	648	24	167	875	2779
TOTAL (RESIDENTIAL)	790	26	172	1276	3984
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	33	10	15	19	45
POINT SOURCES	4	1	0	4	6
OPEN BURNING					
POINT SOURCES	1	0	0	1	7
TOTAL (COMM-INST)					
AREA SOURCES	33	10	15	19	45
POINT SOURCES	5	1	0	5	13
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	5	1	1	4	6
TOTAL (INDUSTRIAL)					

*** K03 ***

*** K03 ***

```
*** K04 ***                                                                                          *** K04 ***
                AREA SOURCES             9            0           133            7            21
                POINT SOURCES            1            0            22            0             2
             TOTAL (COMM-INST)
                AREA SOURCES            13           88           199            9            35
                POINT SOURCES           96          772           213            9            29

         TOTAL (EXTERNAL COMB)
                AREA SOURCES          2304         1820          2395          745         14303
                POINT SOURCES         1278        20116         10218          240           604

      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

             DISTILLATE OIL             20           19           281           23            61
             TOTAL (ELEC GEN)           20           19           281           23            61

         TOTAL (INTERNAL COMB)          20           19           281           23            61

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES          2304         1820          2395          745         14303
                POINT SOURCES         1298        20135         10499          263           665

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING             9            0             0           71             0
      FOOD/AGRICULTURAL                219            2             0            0             1
      MINERAL PRODUCTS                2775            0            22            2             0
      WOOD PRODUCTS                   1996         1428           357            0          9475
      ORGANIC SOLVENT EVAPORATION      170            0             0          232             0
      PETROLEUM STORAGE/TRANSPORT        0            0             0           79             0
      TOTAL (INDUSTRIAL)              5169         1430           379          384          9476

SOLID WASTE DISPOSAL
********************

      GOVERNMENT (POINT)

         MUNICIPAL INCINERATION          8            1             1            8            10
         OPEN BURNING                   11            1             4           21            60
         TOTAL (GOVERNMENT)             19            2             5           29            70

      RESIDENTIAL (AREA)

         ON SITE INCINERATION           22            0             0           70           228
         OPEN BURNING                 1327           50           343         1793          5679
         TOTAL (RESIDENTIAL)          1349           50           343         1863          5907

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                AREA SOURCES            25            5            12           14            46
                POINT SOURCES            1            0             0            0             1
         TOTAL (COMM-INST)
                AREA SOURCES            25            5            12           14            46
                POINT SOURCES            1            0             0            0             1

      INDUSTRIAL

         ON SITE INCINERATION
                AREA SOURCES            41            6             6           37            58
                POINT SOURCES           17            0             3           27           310
         OPEN BURNING
                AREA SOURCES             3            0             0            3            15
```

*** K05 ***

*** K05 ***

```
*** K06 ***                                                                                        *** K06 ***
    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          7941        409       10350       15059      119973
            LIGHT DUTY TRUCKS            2628        191        4420        5346       38625
            HEAVY DUTY VEHICLES           237         25         883         986       13244
            OFF HIGHWAY                    41         21         395        1427       15309
            TOTAL (GASOLINE)            10847        646       16048       22818      187151

        DIESEL

            HEAVY DUTY VEHICLES          1572        817        8097         935        2644
            OFF HIGHWAY                   306        256        3093         456         915
            RAIL                          124        285        1839         468         646
            TOTAL (DIESEL)               2002       1358       13029        1859        4205

    AIRCRAFT

        MILITARY                          438         41         264         780        1403
        CIVIL                               0          0           4          54        2485
        COMMERCIAL                          0          1           8           9          20
        TOTAL (AIRCRAFT)                  438         42         276         843        3908

    VESSELS

        DIESEL FUEL                       232        289        2164         568         757
        RESIDUAL OIL                      139       1814         298          20          10
        GASOLINE                            0         27          98        3906       12270
        TOTAL (VESSELS)                   371       2130        2560        4494       13037

    TOTAL (TRANSPORTATION)              13658       4176       31913       30014      208301

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      632          6         149         891        5197
    FOREST MANAGED BURNING              41788        314        8357       37609      234007
    STRUCTURAL FIRES                      110          0          14          81         445
    GASOLINE STA EVAP LOSS                  0          0           0        2353           0
    SOLVENT EVAPORATION LOSS                0          0           0       10982           0
    UNPAVED ROADS                         781          0           0           0           0
    UNPAVED AIRSTRIPS                      40          0           0           0           0
    TOTAL (MISCELLANEOUS)               43351        320        8520       51916      239649

GRAND TOTAL
***********

    AREA SOURCES                        61027       7772       44378       87451      471648

    POINT SOURCES                       20578      42029       13773       11365       54504

    TOTAL                               81605      49801       58151       98816      526152
```

```
*** K07 ***                                                                                  *** K07 ***
       TOTAL  (FUEL COMBUSTION)

                      AREA SOURCES            148            302           3389            948            773
                      POINT SOURCES         28903          36456          18561            326           1071

INDUSTRIAL PROCESS (POINT)
***************************

       CHEMICAL MANUFACTURING                  88              0              0            745              0
       PRIMARY METAL                           96              0              0              0           3370
       SECONDARY METALS                         2              5              7              0             60
       MINERAL PRODUCTS                       205              0              0              0              0
       METAL FABRICATION                       10              0              0              0              0
       TOTAL  (INDUSTRIAL)                    401              5              7            745           3430

SOLID WASTE DISPOSAL
********************

       RESIDENTIAL  (AREA)

           ON SITE INCINERATION                 9              0              0             26             78
           OPEN BURNING                       323             12             82            435           1380
           TOTAL  (RESIDENTIAL)               332             12             82            461           1458

       INDUSTRIAL

           ON SITE INCINERATION
                   POINT SOURCES               70              1             10            108           1243
           TOTAL  (INDUSTRIAL)
                   POINT SOURCES               70              1             10            108           1243

       TOTAL  (SOLID WASTE DISP)
                   AREA SOURCES               332             12             82            461           1458
                   POINT SOURCES               70              1             10            108           1243

TRANSPORTATION (AREA)
*********************

       LAND VEHICLES

           GASOLINE

               LIGHT DUTY VEHICLES           2156            102           2484           3355          27885
               LIGHT DUTY TRUCKS              611             41            931           1088           7975
               HEAVY DUTY VEHICLES            164             16            541            593           8173
               OFF HIGHWAY                     13              7            128            463           4967
               TOTAL  (GASOLINE)             2944            166           4084           5499          49000

           DIESEL

               HEAVY DUTY VEHICLES            211            100            964            120            346
               OFF HIGHWAY                    166            139           1676            246            496
               RAIL                           187            427           2771            704            973
               TOTAL  (DIESEL)                564            666           5411           1070           1815

       AIRCRAFT

           MILITARY                             4              0              2              7             12
           CIVIL                                0              0              0             12            563
           COMMERCIAL                           3              6             55             62            138
           TOTAL  (AIRCRAFT)                    7              6             57             81            713

       VESSELS

           DIESEL FUEL                         26             31            237             62             82
           GASOLINE                             0              2             10            370           1164
```

```
*** K08 ***                                                                                                  *** K08 ***
                  POINT SOURCES                  11              1              7             35              14
        TOTAL (COMM-INST)
                  AREA SOURCES                   27             99            136              5              22
                  POINT SOURCES                 354            389            103             39              25

     TOTAL (EXTERNAL COMB)
                  AREA SOURCES                  650            892           1208            445            4046
                  POINT SOURCES                2272         111866          28178            561            1675

  TOTAL (FUEL COMBUSTION)

                  AREA SOURCES                  650            892           1208            445            4046
                  POINT SOURCES                2272         111866          28178            561            1675

INDUSTRIAL PROCESS (POINT)
***************************

  CHEMICAL MANUFACTURING                         43              0              0              0               0
  SECONDARY METALS                               23              0              7              0           10114
  MINERAL PRODUCTS                             1938              0              0              0               0
  ORGANIC SOLVENT EVAPORATION                     0              0              0             13               0
  PETROLEUM STORAGE/TRANSPORT                     0              0              0              2               0
  TOTAL (INDUSTRIAL)                           2004              0              7             15           10114

SOLID WASTE DISPOSAL
*********************

  GOVERNMENT (POINT)

     MUNICIPAL INCINERATION                       1              0              0              1               1
     TOTAL (GOVERNMENT)                           1              0              0              1               1

  RESIDENTIAL (AREA)

     ON SITE INCINERATION                         7              0              0             23              73
     OPEN BURNING                               557             21            140            754            2386
     TOTAL (RESIDENTIAL)                        564             21            140            777            2459

  INDUSTRIAL

     OPEN BURNING
              AREA SOURCES                        1              0              0              1               5
     TOTAL (INDUSTRIAL)
              AREA SOURCES                        1              0              0              1               5

  TOTAL (SOLID WASTE DISP)
              AREA SOURCES                      565             21            140            778            2464
              POINT SOURCES                       1              0              0              1               1

TRANSPORTATION (AREA)
**********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES                    1230             89           2201           2593           19054
        LIGHT DUTY TRUCKS                       537             54           1208           1183            7747
        HEAVY DUTY VEHICLES                     124             17            600            506            6962
        OFF HIGHWAY                              20             10            194            705            7561
        TOTAL (GASOLINE)                       1911            170           4203           4987           41324

     DIESEL

        HEAVY DUTY VEHICLES                     290            170           1648            164             474
        OFF HIGHWAY                             210            177           2130            313             629
```

```
*** K09 ***                                                                                           *** K09 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                               RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                      POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE:50 WEST VIRGINIA   AQCR:235 NORTH CENTRAL WEST VIRGINIA

                                 PARTICULATES          SOX            NOX             HC             CO
                                 ************    ************    ************    ************    ************
                                  TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  81             311              12              81             369
         DISTILLATE OIL                    7              76              48               2              14
         NATURAL GAS                      41               3             332              34              84
         WOOD                            122               2               5              25             873
         TOTAL (RESIDENTIAL)             251             392             397             142            1340

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                5881          298391           66633            1111            3703
         NATURAL GAS                       0               0              24               0               1
         TOTAL (ELEC GEN)               5881          298391           66657            1111            3704

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             POINT SOURCES               208             130              34               2               5
         RESIDUAL OIL
             POINT SOURCES                 5              27              20               0               2
         DISTILLATE OIL
             AREA SOURCES                 26             243             296              16              43
         NATURAL GAS
             AREA SOURCES                 46               3            4036            1283             491
         PROCESS GAS
             POINT SOURCES                 2             335               0               0               0
         COKE
             POINT SOURCES                 7              19               7               0               1
         TOTAL (INDUSTRIAL)
             AREA SOURCES                 72             246            4332            1299             534
             POINT SOURCES               222             511              61               2               8

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES                  4              11               5               0               0
         BITUMINOUS COAL
             POINT SOURCES               234             608              98               7              13
         DISTILLATE OIL
             AREA SOURCES                  3              52              38               2               9
         NATURAL GAS
             AREA SOURCES                 17               0             195              12              33
         TOTAL (COMM-INST)
             AREA SOURCES                 24              63             238              14              42
```

```
*** K10 ***
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      2         0         1         3        18
    STRUCTURAL FIRES                     14         0         2        10        56
    GASOLINE STA EVAP LOSS                0         0         0       220         0
    SOLVENT EVAPORATION LOSS              0         0         0       799         0
    UNPAVED ROADS                     16333         0         0         0         0
    TOTAL (MISCELLANEOUS)             16349         0         3      1032        74

GRAND TOTAL
***********

    AREA SOURCES                      17632       338      3132      4235     24920

    POINT SOURCES                       592     55000     16984       300       376

    TOTAL                             18224     55338     20116      4535     25296
```

```
*** K11 ***                                                                                   *** K11 ***
           NATURAL GAS
               AREA SOURCES                70          3         821          54         137
               POINT SOURCES                5          0         222           1           8
           TOTAL (COMM-INST)
               AREA SOURCES                96        395        1051          62         181
               POINT SOURCES               16          9         226           1           9

       TOTAL (EXTERNAL COMB)
               AREA SOURCES               971       2010        6875         986        4552
               POINT SOURCES            19335     159090       55012        1096        2556

    INTERNAL COMBUSTION (POINT)

        ENGINE-TESTING

            TOTAL (ENG TESTNG)              0          0           0          83         249

        TOTAL (INTERNAL COMB)               0          0           0          83         249

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES               971       2010        6875         986        4552
               POINT SOURCES            19335     159090       55012        1179        2805

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  0        227           0         167           0
    FOOD/AGRICULTURAL                       0          0           5           0           0
    SECONDARY METALS                      640        405         242          97        8300
    MINERAL PRODUCTS                     4068        274         106           1          14
    WOOD PRODUCTS                        1328       6482          67          79        2235
    ORGANIC SOLVENT EVAPORATION             9          0          29       13753           4
    PETROLEUM STORAGE/TRANSPORT             0          0           0        2782           0
    OTHER/NOT CLASSIFIED                   72          0          86           9          26
    TOTAL (INDUSTRIAL)                   6117       7388         535       16888       10579

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION           1547        263         231         405        3409
        TOTAL (GOVERNMENT)               1547        263         231         405        3409

    RESIDENTIAL (AREA)

        ON SITE INCINERATI[illegible]     485          6          14        1368        4105
        OPEN BURNING                     1362         52         348        1838        5827
        TOTAL (RESIDENTIAL)              1847         58         362        3206        9932

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              119         34          56          70         162
                POINT SOURCES              41         17          69          17           3
        OPEN BURNING
                AREA SOURCES                4          0           0           8          16
        TOTAL (COMM-INST)
                AREA SOURCES              123         34          56          78         178
                POINT SOURCES              41         17          69          17           3

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES               61         11          11          55          81
```

TOTAL	70784	52592	63223	61945	267620

```
*** K13 ***                                                                                      *** K13 ***
              AREA SOURCES                 206          292          306           20           56

         TOTAL (EXTERNAL COMB)
              AREA SOURCES                1004         2514        21993         7954         4295
              POINT SOURCES              12367       118537       106516         1988         5910

      INTERNAL COMBUSTION (POINT)

         INDUSTRIAL FUEL

            NATURAL GAS                     18            1         4745         1944          656
            TOTAL (INDUSTRIAL)              18            1         4745         1944          656

         TOTAL (INTERNAL COMB)              18            1         4745         1944          656

      TOTAL (FUEL COMBUSTION)

              AREA SOURCES                1004         2514        21993         7954         4295
              POINT SOURCES              12385       118538       111261         3932         6566

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING              4455         1260           19            0            2
      FOOD/AGRICULTURAL                    106          257           37            0            3
      PRIMARY METAL                        115         1276            1          165           66
      MINERAL PRODUCTS                   15336          508           58            9            2
      PETROLEUM INDUSTRY                   487         5814         1390         5145         8623
      PETROLEUM STORAGE/TRANSPORT            0            0            0         2715            0
      TOTAL (INDUSTRIAL)                 20499         9115         1505         8034         8696

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

         ON SITE INCINERATION              115            0            1          325          981
         OPEN BURNING                      357           12           92          480         1518
         TOTAL (RESIDENTIAL)               472           12           93          805         2499

      COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
              AREA SOURCES                  27            7           12           16           42
         TOTAL (COMM-INST)
              AREA SOURCES                  27            7           12           16           42

      INDUSTRIAL

         ON SITE INCINERATION
              AREA SOURCES                  12            0            0           12           13
              POINT SOURCES                384            7           99          753         8537
         TOTAL (INDUSTRIAL)
              AREA SOURCES                  12            0            0           12           13
              POINT SOURCES                384            7           99          753         8537

      TOTAL (SOLID WASTE DISP)
              AREA SOURCES                 511           19          105          833         2554
              POINT SOURCES                384            7           99          753         8537

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES

         GASOLINE
```

```
*** K14 ***                                                                                    *** K14 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                     RUN DATE:   TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
*****************************                              POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:002 COLUMBUS-PHENIX CITY

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              17             57              0             17             69
         DISTILLATE OIL                0              7              4              0              0
         NATURAL GAS                  64              2            508             51            129
         WOOD                       1718             35             67            346          12348
         TOTAL (RESIDENTIAL)        1799            101            579            414          12546

      ELEC GENERATION (POINT)

         OTHER                       393            156           1042            209            209
         TOTAL (ELEC GEN)            393            156           1042            209            209

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             971           5619           1480             44             96
            POINT SOURCES             70            503            213              3             13
         RESIDUAL OIL
            POINT SOURCES            100           1533            228              4             19
         DISTILLATE OIL
            AREA SOURCES              48            465            567             29             81
            POINT SOURCES             25            219             16              2              2
         NATURAL GAS
            AREA SOURCES              62              2           5534           1921            718
            POINT SOURCES             48              3           1992             10             50
         WOOD
            POINT SOURCES           1164            375           1534            307            307
         TOTAL (INDUSTRIAL)
            AREA SOURCES            1081           6086           7581           1994            895
            POINT SOURCES           1407           2633           3983            326            391

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               4              7              2              0              0
         RESIDUAL OIL
            POINT SOURCES              0              1              3              0              0
         DISTILLATE OIL
            AREA SOURCES               7            117             89              3             20
            POINT SOURCES              3             22             33              2              8
         NATURAL GAS
            AREA SOURCES              35              2            426             27             69
            POINT SOURCES             15              1            195             10             28
         LIQUID PETROL GAS
```

```
*** K15 ***                                                                                                    *** K15 ***
                AREA SOURCES                     4             31             48              2              8
                POINT SOURCES                  112            176            278              3             13

      TOTAL (EXTERNAL COMB)
                AREA SOURCES                   304            872            836            122            432
                POINT SOURCES                 1257           3176          16788            152            562

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                          6             15             82              7             18
         NATURAL GAS                             8              0            236             24             66
         TOTAL (ELEC GEN)                       14             15            318             31             84

      INDUSTRIAL FUEL

         DISTILLATE OIL                         54             50            759             61            165
         NATURAL GAS                            62              1           5952           2151            461
         TOTAL (INDUSTRIAL)                    116             51           6711           2212            626

      TOTAL (INTERNAL COMB)                    130             66           7029           2243            710

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES                   304            872            836            122            432
                POINT SOURCES                 1387           3242          23817           2395           1272

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                      262           4159            858             62            104
   FOOD/AGRICULTURAL                           181              0              0              0              0
   PRIMARY METAL                              5205         729914            860              0              0
   MINERAL PRODUCTS                           6816             16              0              0              0
   PETROLEUM INDUSTRY                            1              0             12              0              1
   PETROLEUM STORAGE/TRANSPORT                   0              0              0             62              0
   TOTAL (INDUSTRIAL)                        12465         734089           1730            124            105

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                     118              1              3            337           1011
      OPEN BURNING                             139              5             36            188            598
      TOTAL (RESIDENTIAL)                      257              6             39            525           1609

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES                     9              2              5              5             16
      OPEN BURNING
                AREA SOURCES                     5              0              1             11             25
                POINT SOURCES                    2              1              1              4             11
      TOTAL (COMM-INST)
                AREA SOURCES                    14              2              6             16             41
                POINT SOURCES                    2              1              1              4             11

   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES                    40              8              8             36             53
      OPEN BURNING
                AREA SOURCES                    19              1              7             34            120
                POINT SOURCES                    0              0              0              1              2
```

*** K16 ***

*** K16 ***

```
*** K17 ***                                                                                          *** K17 ***
        DISTILLATE OIL
           AREA SOURCES              141          2023          1545           70           352
           POINT SOURCES               2            57            21            0             5
        NATURAL GAS
           AREA SOURCES               71             4           848           57           142
           POINT SOURCES               1             0            35            0             3
        TOTAL (COMM-INST)
           AREA SOURCES              241          2237          2482          128           501
           POINT SOURCES            1112          2666          1097           32           110

     TOTAL (EXTERNAL COMB)
           AREA SOURCES             2381         12733         12550          798          6704
           POINT SOURCES            4941         49437         35394          550          1944

  INTERNAL COMBUSTION (POINT)

     ELECTRIC GENERATION

        OTHER                          4             5            60            5            13
        TOTAL (ELEC GEN)               4             5            60            5            13

     INDUSTRIAL FUEL

        DISTILLATE OIL                 8            47           109            8            24
        NATURAL GAS                    0             0             4            1             1
        GASOLINE                      12            10           188          297          7364
        TOTAL (INDUSTRIAL)            20            57           301          306          7389

     ENGINE-TESTING

        TOTAL (ENG TESTNG)            33            27            53          115           106

     TOTAL (INTERNAL COMB)            57            89           414          426          7508

  TOTAL (FUEL COMBUSTION)

           AREA SOURCES             2381         12733         12550          798          6704
           POINT SOURCES            4998         49526         35808          976          9452

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING             37             0             0          683             0
   FOOD/AGRICULTURAL                  27             0             0          106             0
   SECONDARY METALS                 1659             0             1           70            20
   MINERAL PRODUCTS                11988           481           134            2             4
   WOOD PRODUCTS                       2             0             0            0             0
   ORGANIC SOLVENT EVAPORATION         1             0             0        30348             0
   PETROLEUM STORAGE/TRANSPORT         0             0             0         2295             0
   METAL FABRICATION                  18             0             0          108             0
   TEXTILE MANUFACTURING               0             0             0          144             0
   OTHER/NOT CLASSIFIED              257             0             8         2599            46
   TOTAL (INDUSTRIAL)              13989           481           143        36355            70

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      MUNICIPAL INCINERATION          31             6             8            4            91
      OTHER INCINERATION              28             4            14            2            61
      TOTAL (GOVERNMENT)              59            10            22            6           152

   RESIDENTIAL (AREA)

      ON SITE INCINERATION          1627            26            51         4576         13728
```

```
                AREA SOURCES                 65         918         702          32         160
                POINT SOURCES               166        2217        1774          76         379
            NATURAL GAS
                AREA SOURCES                134           7        1604         107         268
                POINT SOURCES                 5           0         230           1          10
            OTHER
                POINT SOURCES                 3          44          33           0           5
            TOTAL (COMM-INST)
                AREA SOURCES                359        1285        2377         144         443
                POINT SOURCES               577       11247        5760         137         704

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               1429        5030        9986        1036        4126
                POINT SOURCES             30962      135768       64108        1108        4310

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                   13          58         179          14          41
            TOTAL (ELEC GEN)                 13          58         179          14          41

        INDUSTRIAL FUEL

            NATURAL GAS                       0           0           7           3           1
            TOTAL (INDUSTRIAL)                0           0           7           3           1

        TOTAL (INTERNAL COMB)                13          58         186          17          42

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               1429        5030        9986        1036        4126
                POINT SOURCES             30975      135826       64294        1125        4352

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                   11          20           0           0           0
    FOOD/AGRICULTURAL                         2           0           0         110           0
    PRIMARY METAL                             2           0           0           0           0
    SECONDARY METALS                          1           0           0           0          81
    MINERAL PRODUCTS                       1964           1           1           0           0
    ORGANIC SOLVENT EVAPORATION               2           0           0        2518           0
    PETROLEUM STORAGE/TRANSPORT               0           0           0        2074           0
    OTHER/NOT CLASSIFIED                      1           0           0           0           0
    TOTAL (INDUSTRIAL)                     1983          21           1        4702          81

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION              342         477         491         295        6678
        OTHER INCINERATION                  151          27         136          27           0
        TOTAL (GOVERNMENT)                  493         504         627         322        6678

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                148           2           4         411        1235
        OPEN BURNING                        839          31         216        1132        3589
        TOTAL (RESIDENTIAL)                 987          33         220        1543        4824

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                691         217         326         400         947
```

```
*** L01 ***                                                                                        *** L01 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                          *******************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                          *********************************

STATE/AQCR EMISSIONS REPORT                                          RUN DATE:   TUESDAY   JANUARY 26, 1982
****************************                             AREA EMISSIONS AS OF:   TUESDAY      JULY 21, 1981
STATE:46 UTAH           AQCR:219 UTAH                   POINT EMISSIONS AS OF:   THURSDAY      MAY 28, 1981

                              PARTICULATES          SOX              NOX              HC               CO
                              ************     ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                85              466               12               85              374
         DISTILLATE OIL                  0               47               18                0                6
         NATURAL GAS                    43                1              344               33               86
         WOOD                           97                0                3               20              693
         TOTAL (RESIDENTIAL)           225              514              377              138             1159

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               622             2978             3624               60              201
         DISTILLATE OIL                  0                1                1                0                0
         TOTAL (ELEC GEN)              622             2979             3625               60              201

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               704             1532              516               14               34
         RESIDUAL OIL
            POINT SOURCES               30              655              189                3               17
         DISTILLATE OIL
            AREA SOURCES                 2               53               43                1                6
            POINT SOURCES                6               14                4                4                8
         NATURAL GAS
            AREA SOURCES                10                0             1218              444              162
            POINT SOURCES                0                0               52                0                0
         TOTAL (INDUSTRIAL)
            AREA SOURCES               716             1585             1777              459              202
            POINT SOURCES               36              669              245                7               25

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                54              740              187                1               14
         DISTILLATE OIL
            AREA SOURCES                 1               25               12                0                1
         TOTAL (COMM-INST)
            AREA SOURCES                55              765              199                1               15

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               996             2864             2353              598             1376
            POINT SOURCES              658             3648             3870               67              226

   TOTAL (FUEL COMBUSTION)
```

```
*** L02 ***                                                                                  *** L02 ***
             AREA SOURCES                5            1            1            4            6

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES              828           37          188         1299         4035
             POINT SOURCES               5            1            0            5           13

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          3032          151         3570         4212        36623
         LIGHT DUTY TRUCKS             733           53         1241         1397        10452
         HEAVY DUTY VEHICLES           184           19          707          758        10382
         OFF HIGHWAY                    23           13          233          838         9001
         TOTAL (GASOLINE)             3972          236         5751         7205        66458

      DIESEL

         HEAVY DUTY VEHICLES           453          223         2265          271          746
         OFF HIGHWAY                   150          125         1510          221          447
         RAIL                           33           71          465          117          163
         TOTAL (DIESEL)                636          419         4240          609         1356

   AIRCRAFT

      MILITARY                          70            7           42          125          224
      CIVIL                              0            0            1           12          558
      COMMERCIAL                         6           13          119          133          297
      TOTAL (AIRCRAFT)                  76           20          162          270         1079

   VESSELS

      DIESEL FUEL                        3            3           29            8           10
      GASOLINE                           0            6           23          948         2976
      TOTAL (VESSELS)                    3            9           52          956         2986

   TOTAL (TRANSPORTATION)             4687          684        10205         9040        71879

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      5            0            1            7           42
   AGRICULTURAL BURNING                  2            0            0            2           12
   STRUCTURAL FIRES                     60            0            7           45          245
   GASOLINE STA EVAP LOSS                0            0            0         1048            0
   SOLVENT EVAPORATION LOSS              0            0            0         5900            0
   UNPAVED ROADS                     24522            0            0            0            0
   UNPAVED AIRSTRIPS                     6            0            0            0            0
   TOTAL (MISCELLANEOUS)             24595            0            8         7002          299

GRAND TOTAL
***********

   AREA SOURCES                      31129         2337        11326        17562        82729

   POINT SOURCES                      1558          599          889         3339          187

   TOTAL                             32687         2936        12215        20901        82916
```

```
*** L03 ***                                                                                              *** L03 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

                                                                                   RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                            POINT EMISSIONS AS OF: THURSDAY        MAY 28, 1981
STATE:48 VIRGINIA       AQCR:207 EASTERN TENNESSEE-SOUTHWESTERN

                              PARTICULATES        SOX           NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                39            443            274             14             77
         NATURAL GAS                    3              0             28              1              5
         WOOD                         392              6             17             80           2808
         TOTAL (RESIDENTIAL)          434            449            319             95           2890

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              934          25358          14483            241            805
         DISTILLATE OIL                 0              4              5              0              1
         TOTAL (ELEC GEN)             934          25362          14488            241            806

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              119            380            199              4             12
            POINT SOURCES             130            162             67              5             11
         RESIDUAL OIL
            POINT SOURCES              19            121             30              0              2
         DISTILLATE OIL
            POINT SOURCES               0             42              8              0              1
         NATURAL GAS
            AREA SOURCES               11              0            585            165             74
            POINT SOURCES               1              0             24              1              3
         WOOD
            POINT SOURCES             259             59            391             77             77
         TOTAL (INDUSTRIAL)
            AREA SOURCES              130            380            784            169             86
            POINT SOURCES             409            384            520             83             94

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               27             65             27              0              2
         DISTILLATE OIL
            AREA SOURCES                4             67             52              1             11
         NATURAL GAS
            AREA SOURCES                7              0             87              3             14
            POINT SOURCES               0              0              1              0              0
         TOTAL (COMM-INST)
            AREA SOURCES               38            132            166              4             27
            POINT SOURCES               0              0              1              0              0
```

```
*** L04 ***                                                                                   *** L04 ***
    TOTAL (INDUSTRIAL)
            AREA SOURCES              44           6           6          40          73
            POINT SOURCES             17           0           3          27         310

  TOTAL (SOLID WASTE DISP)
            AREA SOURCES            1418          61         361        1917        6026
            POINT SOURCES             37           2           8          56         381

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

    GASOLINE

        LIGHT DUTY VEHICLES         6364         443       10829       12693       94725
        LIGHT DUTY TRUCKS           1679         165        3753        3846       25172
        HEAVY DUTY VEHICLES          450          61        2104        1855       25441
        OFF HIGHWAY                   49          27         487        1742       18703
        TOTAL (GASOLINE)            8542         696       17173       20136      164041

    DIESEL

        HEAVY DUTY VEHICLES          772         441        4144         420        1223
        OFF HIGHWAY                  591         495        5976         878        1768
        RAIL                         120         275        1790         455         630
        TOTAL (DIESEL)              1483        1211       11910        1753        3621

  AIRCRAFT

    MILITARY                         102          10          61         182         327
    CIVIL                              1           0           2          38        1760
    TOTAL (AIRCRAFT)                 103          10          63         220        2087

  VESSELS

    DIESEL FUEL                       18          21         159          42          54
    GASOLINE                           0          28         111        4415       13870
    TOTAL (VESSELS)                   18          49         270        4457       13924

  TOTAL (TRANSPORTATION)           10146        1966       29416       26566      183673

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                   151           0          36         212        1233
  FOREST MANAGED BURNING             438           0          87         393        2451
  STRUCTURAL FIRES                   272           0          31         203        1099
  GASOLINE STA EVAP LOSS               0           0           0        2422           0
  SOLVENT EVAPORATION LOSS             0           0           0       12603           0
  UNPAVED ROADS                    26364           0           0           0           0
  TOTAL (MISCELLANEOUS)            27225           0         154       15833        4783

GRAND TOTAL
***********

  AREA SOURCES                     41093        3847       32326       45061      208785

  POINT SOURCES                     6504       21567       10886         703       10522

  TOTAL                            47597       25414       43212       45764      219307
```

```
*** L05 ***                                                                                    *** L05 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                                 RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                           AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:49 WASHINGTON      AQCR:062 EASTERN WASHINGTON-NORTHERN ID

                              PARTICULATES        SOX            NOX             HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               120            115             17            120            539
         DISTILLATE OIL                 34            157            234             12             64
         NATURAL GAS                    31              1            242             25             61
         WOOD                          333              6             13             67           2394
         TOTAL (RESIDENTIAL)           518            279            506            224           3058

      ELEC GENERATION (POINT)

         RESIDUAL OIL                   23             42             46              0              2
         NATURAL GAS                    15              0            735              1             17
         TOTAL (ELEC GEN)               38             42            781              1             19

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES              146            188            165              5              9
             POINT SOURCES             516            411            541              5             18
         RESIDUAL OIL
             AREA SOURCES               38             64            133              2             11
         DISTILLATE OIL
             AREA SOURCES               10             35            133              7             18
             POINT SOURCES               0              8              4              0              1
         NATURAL GAS
             AREA SOURCES               22              1           1133            319            138
             POINT SOURCES               1              0            105              0              4
         WOOD
             POINT SOURCES             549              7            201             49             40
         TOTAL (INDUSTRIAL)
             AREA SOURCES              216            288           1564            333            176
             POINT SOURCES            1066            426            851             54             63

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
             AREA SOURCES               25             15             11              1              2
         RESIDUAL OIL
             AREA SOURCES               38            151            139              2             10
             POINT SOURCES               1              3              2              0              0
         DISTILLATE OIL
             AREA SOURCES                7             41             71              2             16
         NATURAL GAS
             AREA SOURCES               17              1            225             14             38
             POINT SOURCES               8              0            188              2             11
```

```
     TOTAL (VESSELS)                     26          33         247         432        1246

   TOTAL (TRANSPORTATION)              3541         871        9799        7082       52774

MISCELLANEOUS (AREA)
*********************

   FOREST WILDFIRES                     311           2          73         439        2562
   STRUCTURAL FIRES                      49           0           6          37         199
   GASOLINE STA EVAP LOSS                 0           0           0         749           0
   SOLVENT EVAPORATION LOSS               0           0           0        4520           0
   UNPAVED ROADS                      18769           0           0           0           0
   TOTAL (MISCELLANEOUS)              19129           2          79        5745        2761

GRAND TOTAL
************

   AREA SOURCES                       23150        1187       13349       14236       57766

   POINT SOURCES                      29374       36462       18578        1179        5744

   TOTAL                              52524       37649       31927       15415       63510
```

```
*** L08 ***                                                                                          *** L08 ***
           RAIL                          182         415         2689          683          944
           TOTAL (DIESEL)                682         762         6467         1160         2047

     AIRCRAFT

         CIVIL                             0           0            0            5          257
         COMMERCIAL                        1           3           26           29           65
         TOTAL (AIRCRAFT)                  1           3           26           34          322

     VESSELS

         GASOLINE                          0           2            6          240          756
         TOTAL (VESSELS)                   0           2            6          240          756

     TOTAL (TRANSPORTATION)             2594         937        10702         6421        44449

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                     82           0           20          114          663
     STRUCTURAL FIRES                     47           0            4           35          189
     GASOLINE STA EVAP LOSS                0           0            0          733            0
     SOLVENT EVAPORATION LOSS              0           0            0         4240            0
     UNPAVED ROADS                     33733           0            0            0            0
     TOTAL (MISCELLANEOUS)             33862           0           24         5122          852

GRAND TOTAL
***********

     AREA SOURCES                      37671        1850        12074        12766        51811

     POINT SOURCES                      4277      111866        28185          577        11790

     TOTAL                             41948      113716        40259        13343        63601
```

```
                POINT SOURCES              234          608           98            7           13

        TOTAL (EXTERNAL COMB)
                AREA SOURCES               347          701         4967         1455         1916
                POINT SOURCES             6337       299510        66816         1120         3725

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES               347          701         4967         1455         1916
                POINT SOURCES             6337       299510        66816         1120         3725

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  96            0            0           24           76
    PRIMARY METAL                          733          328            0           29            4
    SECONDARY METALS                       251         1279            0            0          235
    MINERAL PRODUCTS                      3014          445          176          104            0
    TOTAL (INDUSTRIAL)                    4094         2052          176          157          315

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                14            0            0           38          116
        OPEN BURNING                       871           33          223         1175         3726
        TOTAL (RESIDENTIAL)                885           33          223         1213         3842

    INDUSTRIAL

        OPEN BURNING
                AREA SOURCES                 5            0            2            7           25
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 5            0            2            7           25

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               890           33          225         1220         3867

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           2794          148         3579         4518        36441
            LIGHT DUTY TRUCKS              977           73         1631         1769        12646
            HEAVY DUTY VEHICLES            214           23          799          810        11117
            OFF HIGHWAY                     19           11          206          739         7919
            TOTAL (GASOLINE)              4004          255         6215         7836        68123

        DIESEL

            HEAVY DUTY VEHICLES            489          257         2454          275          794
            OFF HIGHWAY                    265          222         2674          393          792
            RAIL                           297          676         4384         1114         1540
            TOTAL (DIESEL)                1051         1155         9512         1782         3126

    AIRCRAFT

        MILITARY                            12            1            7           21           36
        CIVIL                                0            0            0           12          566
        COMMERCIAL                           6           13          118          132          294
        TOTAL (AIRCRAFT)                    18           14          125          165          896
```

```
*** L11 ***
              POINT SOURCES              77           12           11           88          241
     OPEN BURNING
              AREA SOURCES               31            0           10           53          190
     TOTAL (INDUSTRIAL)
              AREA SOURCES               92           11           21          108          271
              POINT SOURCES              77           12           11           88          241

  TOTAL (SOLID WASTE DISP)
              AREA SOURCES             2062          103          439         3392        10381
              POINT SOURCES            1665          292          311          510         3653

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES           17011          724        18130        25693       225493
        LIGHT DUTY TRUCKS              3764          232         5471         7081        54708
        HEAVY DUTY VEHICLES             947           88         3099         3805        51547
        OFF HIGHWAY                     160           83         1563         5629        60363
        TOTAL (GASOLINE)              21882         1127        28263        42208       392111

     DIESEL

        HEAVY DUTY VEHICLES            3427         1510        15694         2179         5970
        OFF HIGHWAY                     539          449         5413          797         1602
        RAIL                            153          341         2208          560          777
        TOTAL (DIESEL)                 4119         2300        23315         3536         8349

  AIRCRAFT

     MILITARY                            49            5           29           87          156
     CIVIL                                0            0            2           48         2333
     COMMERCIAL                          11           26          236          264          587
     TOTAL (AIRCRAFT)                    60           31          267          399         3076

  VESSELS

     DIESEL FUEL                         14           16          124           33           42
     GASOLINE                             0           27           98         3925        12332
     TOTAL (VESSELS)                     14           43          222         3958        12374

  TOTAL (TRANSPORTATION)              26075         3501        52067        50101       415910

MISCELLANEOUS (AREA)
********************

  FOREST WILDFIRES                       71            0           16          101          591
  STRUCTURAL FIRES                      261            0           31          197         1062
  GASOLINE STA EVAP LOSS                  0            0            0         4145            0
  SOLVENT EVAPORATION LOSS                0            0            0        44605            0
  UNPAVED ROADS                       80709            0            0            0            0
  UNPAVED AIRSTRIPS                      64            0            0            0            0
  TOTAL (MISCELLANEOUS)               81105            0           47        49048         1653

GRAND TOTAL
***********

  AREA SOURCES                       110213         5614        59428       103527       432496

  POINT SOURCES                       27117       166770        55858        18577        17037

  TOTAL                              137330       172384       115286       122104       449533
```

LIGHT DUTY VEHICLES	3324	155	2856	7111	77007
LIGHT DUTY TRUCKS	2695	176	2874	6520	65284
HEAVY DUTY VEHICLES	285	27	649	1422	24289
OFF HIGHWAY	28	16	288	1044	11207
TOTAL (GASOLINE)	6332	374	6667	16097	177787
DIESEL					
HEAVY DUTY VEHICLES	1720	797	7990	2128	4719
OFF HIGHWAY	321	269	3231	475	955
RAIL	546	1245	8076	2053	2838
TOTAL (DIESEL)	2587	2311	19297	4656	8512
AIRCRAFT					
CIVIL	0	0	0	41	1846
TOTAL (AIRCRAFT)	0	0	0	41	1846
VESSELS					
GASOLINE	0	3	9	432	1365
TOTAL (VESSELS)	0	3	9	432	1365
TOTAL (TRANSPORTATION)	8919	2688	25973	21226	189510
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	1608	15	380	2273	13249
FOREST MANAGED BURNING	1041	6	209	937	5824
STRUCTURAL FIRES	55	0	5	40	220
GASOLINE STA EVAP LOSS	0	0	0	1865	0
SOLVENT EVAPORATION LOSS	0	0	0	1866	0
UNPAVED ROADS	219215	0	0	0	0
UNPAVED AIRSTRIPS	45	0	0	0	0
TOTAL (MISCELLANEOUS)	221964	21	594	6981	19293
GRAND TOTAL ***********					
AREA SOURCES	232398	5242	48665	36994	215652
POINT SOURCES	33268	127660	112865	12719	23799
TOTAL	265666	132902	161530	49713	239451

```
             POINT SOURCES          7          9         34          3          7
         TOTAL (COMM-INST)
             AREA SOURCES          46        126        517         30         89
             POINT SOURCES         25         33        265         15         43

      TOTAL (EXTERNAL COMB)
             AREA SOURCES        2926       6313       8677       2438      13530
             POINT SOURCES       1825       2822       5290        550        643

   TOTAL (FUEL COMBUSTION)

             AREA SOURCES        2926       6313       8677       2438      13530
             POINT SOURCES       1825       2822       5290        550        643

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING         123        331          1       1587      25130
   FOOD/AGRICULTURAL              101          0          0          0          0
   PRIMARY METAL                  721         56         18          2          2
   SECONDARY METALS                42       3250          0          0          0
   MINERAL PRODUCTS               337         29        119          1          1
   WOOD PRODUCTS                 1904       1765        764         21      13524
   PETROLEUM STORAGE/TRANSPORT      0          0          0        260          0
   OTHER/NOT CLASSIFIED            23          0          0      10739          0
   TOTAL (INDUSTRIAL)            3251       5431        902      12610      38657

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION        304          3         10        861       2584
      OPEN BURNING               1227         46        312       1655       5242
      TOTAL (RESIDENTIAL)        1531         49        322       2516       7826

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES          6          2          3          4          9
      OPEN BURNING
              AREA SOURCES         13          0          3         23         55
      TOTAL (COMM-INST)
              AREA SOURCES         19          2          6         27         64

   INDUSTRIAL

      ON SITE INCINERATION
              POINT SOURCES         0          0          2          0          0
      OPEN BURNING
              AREA SOURCES         55          1         18         91        329
      TOTAL (INDUSTRIAL)
              AREA SOURCES         55          1         18         91        329
              POINT SOURCES         0          0          2          0          0

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES       1605         52        346       2634       8219
              POINT SOURCES         0          0          2          0          0

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE
      TOTAL (INDUSTRIAL)
            AREA SOURCES            59          9         15         70        173
            POINT SOURCES            0          0          0          1          2

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES           330         17         60        611       1823
            POINT SOURCES            2          1          1          5         13

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES      3341        145       2654       6483      66508
         LIGHT DUTY TRUCKS        1463         89       1516       3241      30512
         HEAVY DUTY VEHICLES       117         11        276        537       8783
         OFF HIGHWAY                11          5        108        387       4140
         TOTAL (GASOLINE)         4932        250       4554      10648     109943

      DIESEL

         HEAVY DUTY VEHICLES       460        222       2104        479       1155
         OFF HIGHWAY                86         73        872        129        258
         RAIL                       76        170       1104        281        388
         TOTAL (DIESEL)            622        465       4080        889       1801

   AIRCRAFT

      MILITARY                      97          9         58        172        310
      CIVIL                          0          0          0         10        503
      TOTAL (AIRCRAFT)              97          9         58        182        813

   VESSELS

      GASOLINE                       0          2          8        331       1041
      TOTAL (VESSELS)                0          2          8        331       1041

   TOTAL (TRANSPORTATION)         5651        726       8700      12050     113598

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                132          0         31        187       1090
   STRUCTURAL FIRES                 39          0          4         28        156
   GASOLINE STA EVAP LOSS            0          0          0       1004          0
   SOLVENT EVAPORATION LOSS          0          0          0       1956          0
   UNPAVED ROADS                 96564          0          0          0          0
   UNPAVED AIRSTRIPS               205          0          0          0          0
   TOTAL (MISCELLANEOUS)         96940          0         35       3175       1246

GRAND TOTAL
***********

   AREA SOURCES                 103225       1615       9631      15958     117099

   POINT SOURCES                 13854     737332      25548       2524       1390

   TOTAL                        117079     738947      35179      18482     118489
```

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*************************                            POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:018 METROPOLITAN MEMPHIS

                              PARTICULATES      SOX           NOX           HC            CO
                              ************  ************  ************  ************  ************
                               TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              0             1             0             0             1
            DISTILLATE OIL               2            23            14             0             4
            NATURAL GAS                 74             4           594            59           148
            WOOD                       256             5            10            51          1845
            TOTAL (RESIDENTIAL)        332            33           618           110          1998

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            645         69440         43197           236           785
            TOTAL (ELEC GEN)           645         69440         43197           236           785

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            40           428            75             3             5
            RESIDUAL OIL
                AREA SOURCES            41           709           143             2            12
                POINT SOURCES           99          1139           188            30            12
            DISTILLATE OIL
                AREA SOURCES             0             2             3             0             0
                POINT SOURCES           23          1216           111            21            16
            NATURAL GAS
                AREA SOURCES            40             2          4621          1689           611
                POINT SOURCES          492            22          3143           185            84
            WOOD
                POINT SOURCES          505            78           374            76            75
            OTHER
                POINT SOURCES           22             0             0             0             0
            TOTAL (INDUSTRIAL)
                AREA SOURCES           121          1141          4842          1694           628
                POINT SOURCES         1141          2455          3816           312           187

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES            65           157            67             0             6
            RESIDUAL OIL
                AREA SOURCES            27           467            97             1             8
            DISTILLATE OIL
                AREA SOURCES             0             3             3             0             0
                POINT SOURCES           36           905           395            18            90
            NATURAL GAS
```

```
      OPEN BURNING                     2888          108          738         3896        12360
      TOTAL (RESIDENTIAL)              4515          134          789         8472        26088

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES                 79           24           37           45          107
            POINT SOURCES                85            1           32            1            3
      OPEN BURNING
            AREA SOURCES                  1            0            0            2            4
      TOTAL (COMM-INST)
            AREA SOURCES                 80           24           37           47          111
            POINT SOURCES                85            1           32            1            3

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES                 19            4            4           17           25
            POINT SOURCES               124           38           43           76          174
      OPEN BURNING
            AREA SOURCES                 14            1            5           24           85
      TOTAL (INDUSTRIAL)
            AREA SOURCES                 33            5            9           41          110
            POINT SOURCES               124           38           43           76          174

   TOTAL (SOLID WASTE DISP)
            AREA SOURCES               4628          163          835         8560        26309
            POINT SOURCES               268           49           97           83          329

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          48538         1603        39938        65132       603998
         LIGHT DUTY TRUCKS             5483          252         5735         8634        71434
         HEAVY DUTY VEHICLES           1635          122         3952         6152        83260
         OFF HIGHWAY                    100           53          997         3587        38470
         TOTAL (GASOLINE)             55756         2030        50622        83505       797162

      DIESEL

         HEAVY DUTY VEHICLES           3678         1474        14833         2262         6339
         OFF HIGHWAY                    842          706         8522         1253         2523
         RAIL                            62          139          901          229          316
         TOTAL (DIESEL)                4582         2319        24256         3744         9178

   AIRCRAFT

      MILITARY                          239           22          143          426          766
      CIVIL                               3            1            4           62         2844
      COMMERCIAL                         34           73          680          762         1699
      TOTAL (AIRCRAFT)                  276           96          827         1250         5309

   VESSELS

      DIESEL FUEL                        12           15          112           29           39
      RESIDUAL OIL                        1           13            2            0            0
      GASOLINE                            0           16           59         2360         7416
      TOTAL (VESSELS)                    13           44          173         2389         7455

   TOTAL (TRANSPORTATION)             60627         4489        75878        90888       819104

MISCELLANEOUS (AREA)
```

```
                POINT SOURCES              34          18          60          10          288
      OPEN BURNING
                AREA SOURCES                3           0           1           5           13
      TOTAL (COMM-INST)
                AREA SOURCES              694         217         327         405          960
                POINT SOURCES              34          18          60          10          288

   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES               37           6           6          33           49
                POINT SOURCES              11           4           5           5           16
      OPEN BURNING
                AREA SOURCES                5           0           2           8           30
      TOTAL (INDUSTRIAL)
                AREA SOURCES               42           6           8          41           79
                POINT SOURCES              11           4           5           5           16

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES             1723         256         555        1989         5863
                POINT SOURCES             538         526         692         337         6982

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            62968        1946       44743       71960       678478
         LIGHT DUTY TRUCKS               6848         301        6591        9833        80894
         HEAVY DUTY VEHICLES             2426         171        5342        8450       116062
         OFF HIGHWAY                      117          60        1151        4144        44436
         TOTAL (GASOLINE)               72359        2478       57827       94387       919870

      DIESEL

         HEAVY DUTY VEHICLES             3450        1333       12941        2037         5862
         OFF HIGHWAY                     1744        1461       17626        2591         5217
         RAIL                             468        1069        6939   17[illegible]3         2440
         TOTAL (DIESEL)                  5662        3863       37506        6391        13519

   AIRCRAFT

      MILITARY                           1046          98         630        1862         3353
      CIVIL                                 2           0           5          66         3117
      COMMERCIAL                           80         174        1628        1821         4063
      TOTAL (AIRCRAFT)                   1128         272        2263        3749        10533

   VESSELS

      DIESEL FUEL                          16          21         148          38           51
      GASOLINE                              0           5          18         680         2138
      TOTAL (VESSELS)                      16          26         166         718         2189

   TOTAL (TRANSPORTATION)               79165        6639       97762      105245       946111

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                        20           0           4          25          152
   FOREST MANAGED BURNING                   1           0           0           1            4
   STRUCTURAL FIRES                       441           2          52         330         1796
   GASOLINE STA EVAP LOSS                   0           0           0        8043            0
   SOLVENT EVAPORATION LOSS                 0           0           0       48763            0
   UNPAVED ROADS                        22439           0           0           0            0
```

```
*** M01 ***                                                                                          *** M01 ***
                AREA SOURCES                996          2864          2353           598          1376
                POINT SOURCES               658          3648          3870            67           226

INDUSTRIAL PROCESS (POINT)
***************************

    MINERAL PRODUCTS                       8147          5773          1524            54             2
    PETROLEUM INDUSTRY                      210           394           178           241         10970
    WOOD PRODUCTS                           990             0             0             0             0
    OTHER/NOT CLASSIFIED                      0            80             0             0             0
    TOTAL (INDUSTRIAL)                     9347          6247          1702           295         10972

SOLID WASTE DISPOSAL
*********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                840            11            27          2360          7080
        OPEN BURNING                        662            24           167           891          2836
        TOTAL (RESIDENTIAL)                1502            35           194          3251          9916

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES                 14             2             7             8            22
        TOTAL (COMM-INST)
                AREA SOURCES                 14             2             7             8            22

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                  9             1             1             8            10
        TOTAL (INDUSTRIAL)
                AREA SOURCES                  9             1             1             8            10

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               1525            38           202          3267          9948

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES            3821           232          4343          9817        101754
            LIGHT DUTY TRUCKS              2177           190          3171          6221         58349
            HEAVY DUTY VEHICLES             234            28           681          1226         20665
            OFF HIGHWAY                      31            16           304          1095         11746
            TOTAL (GASOLINE)               6263           466          8499         18359        192514

        DIESEL

            HEAVY DUTY VEHICLES             812           441          4301           947          2130
            OFF HIGHWAY                     246           205          2481           365           734
            RAIL                            125           283          1837           466           646
            TOTAL (DIESEL)                 1183           929          8619          1778          3510

    AIRCRAFT

        CIVIL                                 0             0             0            16           773
        TOTAL (AIRCRAFT)                      0             0             0            16           773

    VESSELS

        GASOLINE                              0             6            25          1094          3437
```

*** M02 ***

*** M02 ***

```
*** M03 ***                                                                                         *** M03 ***
      TOTAL (EXTERNAL COMB)
              AREA SOURCES                602           961          1269           268          3003
              POINT SOURCES              1343         25746         15009           324           900

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                602           961          1269           268          3003
              POINT SOURCES              1343         25746         15009           324           900

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                   1             0             0            25             0
   PRIMARY METAL                         1852          1158            12          1216           368
   MINERAL PRODUCTS                      4313          1043           194           103            54
   WOOD PRODUCTS                          119             0             0            90             0
   ORGANIC SOLVENT EVAPORATION             55             1             7          2688             1
   PETROLEUM STORAGE/TRANSPORT              0             0             0             2             0
   OTHER/NOT CLASSIFIED                   190             0             0            47             0
   TOTAL (INDUSTRIAL)                    6530          2202           213          4171           423

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 20             0             0            61           184
      OPEN BURNING                       1132            43           288          1524          4839
      TOTAL (RESIDENTIAL)                1152            43           288          1585          5023

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                 31             6            14            18            40
      TOTAL (COMM-INST)
              AREA SOURCES                 31             6            14            18            40

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                 36            10            10            29            43
      OPEN BURNING
              AREA SOURCES                  6             0             1             7            30
      TOTAL (INDUSTRIAL)
              AREA SOURCES                 42            10            11            36            73

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES               1225            59           313          1639          5136

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES             3872           276          6533          7279         54346
         LIGHT DUTY TRUCKS               1661           168          3748          3555         23068
         HEAVY DUTY VEHICLES              400            53          1888          1565         21497
         OFF HIGHWAY                       43            24           429          1540         16530
         TOTAL (GASOLINE)                5976           521         12598         13939        115441

      DIESEL

         HEAVY DUTY VEHICLES             1429           846          7812           750          2192
         OFF HIGHWAY                      517           432          5215           768          1544
```

```
          TOTAL (COMM-INST)
              AREA SOURCES                  87          208          446           19           66
              POINT SOURCES                  9            3          190            2           11

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                 821          775         2516          576         3300
              POINT SOURCES               1113          471         1822           57           93

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                     1            9           14            1            3
          TOTAL (ELEC GEN)                   1            9           14            1            3

      TOTAL (INTERNAL COMB)                  1            9           14            1            3

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES                 821          775         2516          576         3300
              POINT SOURCES               1114          480         1836           58           96

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  631            0            1            2           19
   FOOD/AGRICULTURAL                       756            0            1            1           10
   PRIMARY METAL                          1504        17977           51            0        34061
   SECONDARY METALS                        166            0            1            0          109
   MINERAL PRODUCTS                        242            0            0            0            0
   WOOD PRODUCTS                            70            0            0            0            0
   ORGANIC SOLVENT EVAPORATION               0            0            0            2            0
   PETROLEUM STORAGE/TRANSPORT               0            0            0         1159            0
   TOTAL (INDUSTRIAL)                     3369        17977           54         1164        34199

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

       ON SITE INCINERATION               1207           19           36         3392        10182
       OPEN BURNING                       1128           40          289         1524         4831
       TOTAL (RESIDENTIAL)                2335           59          325         4916        15013

   COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
               AREA SOURCES                 24            8           10           14           35
       OPEN BURNING
               AREA SOURCES                  1            0            0            2            4
               POINT SOURCES                 7            0            2            9           55
       TOTAL (COMM-INST)
               AREA SOURCES                 25            8           10           16           39
               POINT SOURCES                 7            0            2            9           55

   INDUSTRIAL

       ON SITE INCINERATION
               AREA SOURCES                 15            2            2           14           20
               POINT SOURCES                67            1           10          105         1235
       OPEN BURNING
               AREA SOURCES                  9            0            2           13           50
       TOTAL (INDUSTRIAL)
               AREA SOURCES                 24            2            4           27           70
               POINT SOURCES                67            1           10          105         1235
```

```
*** M06 ***                                                                                              *** M06 ***

                                           NATIONAL EMISSIONS DATA SYSTEM
                                          ********************************

                                           ENVIRONMENTAL PROTECTION AGENCY
                                          *********************************

STATE/AQCR EMISSIONS REPORT                                                   RUN DATE:   TUESDAY    JANUARY 26, 1982
****************************                                       AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
STATE:49 WASHINGTON      AQCR:229 PUGET SOUND                     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES          SOX               NOX               HC                CO
                             ************     ************      ************      ************      ************
                              TONS / YR         TONS / YR         TONS / YR         TONS / YR         TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              25                48                 4                25               111
         DISTILLATE OIL              153              2634              1098                62               305
         NATURAL GAS                  95                 6               756                75               188
         WOOD                       1109                22                45               222              7983
         TOTAL (RESIDENTIAL)        1382              2710              1903               384              8587

      ELEC GENERATION (POINT)

         RESIDUAL OIL                131              1606              1060                10                50
         TOTAL (ELEC GEN)            131              1606              1060                10                50

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            1386              2440              1285                38                83
         RESIDUAL OIL
            AREA SOURCES             297              4069              1024                17                86
            POINT SOURCES            380              3161               984                52               101
         DISTILLATE OIL
            AREA SOURCES              74              1084               878                48               125
         NATURAL GAS
            AREA SOURCES             139                 9              7002              1972               861
            POINT SOURCES            117                 7              1080                74               112
         WOOD
            POINT SOURCES           3180               265              3237               683               677
         TOTAL (INDUSTRIAL)
            AREA SOURCES            1896              7602             10189              2075              1155
            POINT SOURCES           3677              3433              5301               809               890

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              93                82                32                 2                 7
            POINT SOURCES              2               167                33                 2                 4
         RESIDUAL OIL
            AREA SOURCES             183              2558               644                11                53
            POINT SOURCES             23               244                80                 1                 6
         DISTILLATE OIL
            AREA SOURCES              30               657               334                15                76
            POINT SOURCES             18               986               200                 9                46
         NATURAL GAS
            AREA SOURCES              84                 5              1013                67               169
            POINT SOURCES              2                 0                29                 2                 5
```

```
*** M09 ***                                                                                        *** M09 ***
    VESSELS

        DIESEL FUEL                        16            17            138            34            49
        GASOLINE                            0             0              3           101           317
        TOTAL (VESSELS)                    16            17            141           135           366

    TOTAL (TRANSPORTATION)               5089          1441          15993          9918         72511

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       57             0             13            80           467
    STRUCTURAL FIRES                       78             0             10            57           315
    GASOLINE STA EVAP LOSS                  0             0              0          1113             0
    SOLVENT EVAPORATION LOSS                0             0              0          6185             0
    UNPAVED ROADS                       43690             0              0             0             0
    TOTAL (MISCELLANEOUS)               43825             0             23          7435           782

GRAND TOTAL
***********

    AREA SOURCES                        50151          2175          21208         20028         79076

    POINT SOURCES                       10431        301562          66992          1277          4040

    TOTAL                               60582        303737          88200         21305         83116
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:51 WISCONSIN        AQCR:073 ROCKFORD-JANESVILLE-BELOIT

                             PARTICULATES        SOX           NOX            HC            CO
                             ************    ************  ************  ************  ************
                              TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                17            197           123             7            34
         NATURAL GAS                   18              1           147            15            37
         TOTAL (RESIDENTIAL)           35            198           270            22            71

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             1043          11657          6228            38           127
         DISTILLATE OIL                 0              5            12             0             1
         NATURAL GAS                    0              0           293             0             7
         TOTAL (ELEC GEN)            1043          11662          6533            38           135

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             476           2438           432            29            59
         RESIDUAL OIL
            POINT SOURCES               4             63            16             0             2
         DISTILLATE OIL
            AREA SOURCES                0              1             1             0             0
         NATURAL GAS
            AREA SOURCES               11              1           331            59            37
            POINT SOURCES               1              0            82             0             3
         TOTAL (INDUSTRIAL)
            AREA SOURCES               11              2           332            59            37
            POINT SOURCES             481           2501           530            29            64

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                1             14             4             0             0
         DISTILLATE OIL
            AREA SOURCES                2             26            20             1             5
         NATURAL GAS
            AREA SOURCES                9              1           106             7            18
         TOTAL (COMM-INST)
            AREA SOURCES               12             41           130             8            23

      TOTAL (EXTERNAL COMB)
            AREA SOURCES               58            241           732            89           131
            POINT SOURCES            1524          14163          7063            67           199

   INTERNAL COMBUSTION (POINT)
```

```
*** M12 ***                                                                                              *** M12 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

                                                                             RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                             AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
*************************                                         POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
STATE 52:WYOMING

                               PARTICULATES         SOX            NOX             HC              CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               65              64               6              65             295
            DISTILLATE OIL                 0              25               9               0               0
            NATURAL GAS                   89               2             703              69             172
            WOOD                         283               4              10              59            2016
            TOTAL (RESIDENTIAL)          437              95             728             193            2483

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            13811          123674          118739            2067            6732
            DISTILLATE OIL                 1              96              89               2              15
            NATURAL GAS                    2               0             133               0               3
            TOTAL (ELEC GEN)           13814          123770          118961            2069            6750

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            1102            4395            2210              67             145
                POINT SOURCES            580           23753           16477             251             753
            RESIDUAL OIL
                POINT SOURCES            460            6005            1527              32             127
            DISTILLATE OIL
                AREA SOURCES             121            1744            1413              77             202
                POINT SOURCES              6             156              68               3              16
            NATURAL GAS
                AREA SOURCES             245              15           42836           16586            5765
                POINT SOURCES             92              48            3490              66              98
            PROCESS GAS
                POINT SOURCES              0            1042               0               0               0
            WOOD
                POINT SOURCES            217              21             140             141             100
            TOTAL (INDUSTRIAL)
                AREA SOURCES            1468            6154           46459           16730            6112
                POINT SOURCES           1355           31025           21702             493            1094

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             490             844             369              30              79
            RESIDUAL OIL
                AREA SOURCES               1              31               7               0               0
            DISTILLATE OIL
                AREA SOURCES               0              39              18               0               4
            NATURAL GAS
```

```
*** M14 ***                                                                                              *** M14 ***
          LIGHT DUTY VEHICLES            14008          566        13411        19765       169539
          LIGHT DUTY TRUCKS               2652          165         3597         4670        34645
          HEAVY DUTY VEHICLES              896           77         2545         3371        45344
          OFF HIGHWAY                       59           30          572         2057        22055
          TOTAL (GASOLINE)               17615          838        20125        29863       271583

       DIESEL

          HEAVY DUTY VEHICLES             1830          816         7565          999         2958
          OFF HIGHWAY                      482          401         4871          714         1441
          RAIL                              56          126          816          206          288
          TOTAL (DIESEL)                  2368         1343        13252         1919         4687

    AIRCRAFT

       MILITARY                           3057          288         1839         5439         9794
       CIVIL                                 0            0            1           36         1608
       COMMERCIAL                            7           14          127          142          317
       TOTAL (AIRCRAFT)                   3064          302         1967         5617        11719

    VESSELS

       GASOLINE                              0            4           25         1059         3327
       TOTAL (VESSELS)                       0            4           25         1059         3327

    TOTAL (TRANSPORTATION)               23047         2487        35369        38458       291316

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      3998           32          941         5641        32907
    FOREST MANAGED BURNING                4343           33          867         3907        24325
    AGRICULTURAL BURNING                   729            0          102          863         4803
    STRUCTURAL FIRES                       206            0           23          153          836
    GASOLINE STA EVAP LOSS                   0            0            0         4886            0
    SOLVENT EVAPORATION LOSS                 0            0            0        25876            0
    UNPAVED ROADS                        50616            0            0            0            0
    TOTAL (MISCELLANEOUS)                59892           65         1933        41326        62871

GRAND TOTAL
***********

    AREA SOURCES                         87470         8917        46325        84856       375936

    POINT SOURCES                         5076         8253         6194        13160        39300

    TOTAL                                92546        17170        52519        98016       415236
```

*** M15 *** *** M15 ***

AREA SOURCES	48	3	572	38	95
POINT SOURCES	32	3	974	8	52
TOTAL (COMM-INST)					
AREA SOURCES	140	630	739	39	109
POINT SOURCES	68	908	1369	26	142
TOTAL (EXTERNAL COMB)					
AREA SOURCES	593	1804	6199	1843	2735
POINT SOURCES	1854	72803	48382	574	1114
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	5	4	42	0	0
TOTAL (ELEC GEN)	5	4	42	0	0
TOTAL (INTERNAL COMB)	5	4	42	0	0
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	593	1804	6199	1843	2735
POINT SOURCES	1859	72807	48424	574	1114
INDUSTRIAL PROCESS (POINT) ****************************					
CHEMICAL MANUFACTURING	559	5800	2	9365	16100
FOOD/AGRICULTURAL	1325	47	80	6	1725
PRIMARY METAL	4958	20	0	0	0
SECONDARY METALS	583	349	14	0	2912
MINERAL PRODUCTS	746	13	0	115	692
PETROLEUM INDUSTRY	213	5561	184	240	8992
WOOD PRODUCTS	256	0	48	1232	0
ORGANIC SOLVENT EVAPORATION	2	0	0	1215	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	2920	0
OTHER/NOT CLASSIFIED	26	0	0	0	0
TOTAL (INDUSTRIAL)	8668	11790	328	15093	30421
SOLID WASTE DISPOSAL *********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	4	1	1	4	5
TOTAL (GOVERNMENT)	4	1	1	4	5
RESIDENTIAL (AREA)					
ON SITE INCINERATION	540	8	17	1518	4553
OPEN BURNING	410	15	105	552	1752
TOTAL (RESIDENTIAL)	950	23	122	2070	6305
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	3	1	2	2	5
POINT SOURCES	11	0	8	0	0
TOTAL (COMM-INST)					
AREA SOURCES	3	1	2	2	5
POINT SOURCES	11	0	8	0	0
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	3	1	1	2	3

```
*********************

    FOREST WILDFIRES                     130           1          31       185      1077
    STRUCTURAL FIRES                     664           3          79       496      2699
    GASOLINE STA EVAP LOSS                 0           0           0      9243         0
    SOLVENT EVAPORATION LOSS               0           0           0    106873         0
    UNPAVED ROADS                       2393           0           0         0         0
    UNPAVED AIRSTRIPS                      2           0           0         0         0
    TOTAL (MISCELLANEOUS)               3189           4         110    116797      3776

GRAND TOTAL
***********

    AREA SOURCES                       70825       17389       89373    217043    855893

    POINT SOURCES                      19255       50056       36048     37414      9851

    TOTAL                              90080       67445      125421    254457    865744
    TOTAL (MISCELLANEOUS)                22901           2          56       57162        1952

GRAND TOTAL
***********

    AREA SOURCES                        105218       11927      108359      165432      958052

    POINT SOURCES                        33496      136373       64987        6164       11415

    TOTAL                               138714      148300      173346      171596      969467
```

*** N01 ***

TOTAL (VESSELS)	0	6	25	1094	3437
TOTAL (TRANSPORTATION)	7446	1401	17143	21247	200234
MISCELLANEOUS (AREA) **********************					
FOREST WILDFIRES	373	2	90	526	3059
FOREST MANAGED BURNING	1876	16	375	1687	10508
STRUCTURAL FIRES	46	0	3	33	188
GASOLINE STA EVAP LOSS	0	0	0	1315	0
SOLVENT EVAPORATION LOSS	0	0	0	4058	0
UNPAVED ROADS	260741	0	0	0	0
UNPAVED AIRSTRIPS	22	0	0	0	0
TOTAL (MISCELLANEOUS)	263058	18	468	7619	13755
GRAND TOTAL ************					
AREA SOURCES	273025	4321	20166	32731	225313
POINT SOURCES	10005	9895	5572	362	11198
TOTAL	283030	14216	25738	33093	236511

*** N01 ***

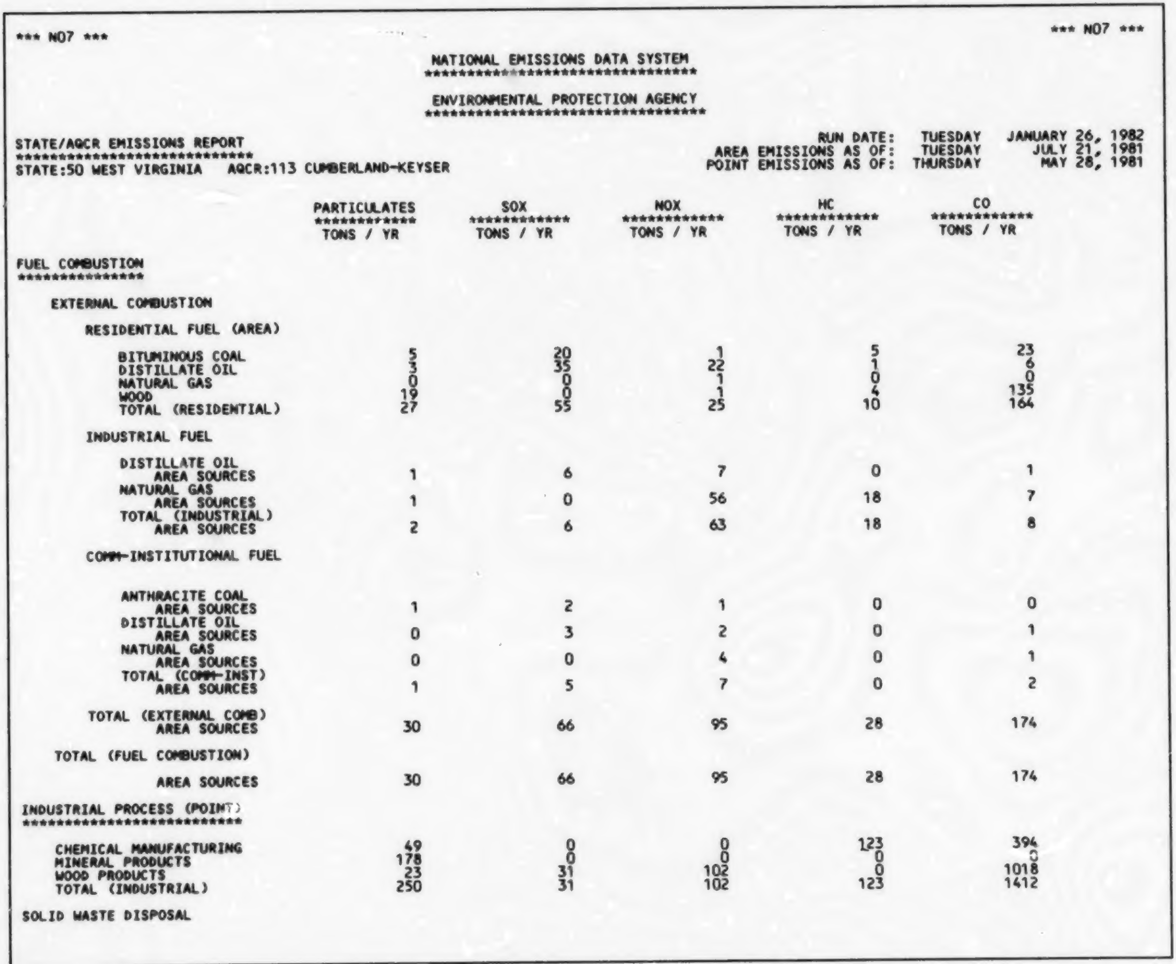
```
*** NO2 ***                                                                                        *** NO2 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

STATE/AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:47 VERMONT        AQCR:221 VERMONT                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES         SOX            NOX            HC             CO
                               ************    ************   ************   ************   ************
                                TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                 15              43              3              3            141
         DISTILLATE OIL                 108            1254            783             44            220
         NATURAL GAS                      5               0             47              4             12
         WOOD                          1491              30             60            299          10728
         TOTAL (RESIDENTIAL)           1619            1327            893            350          11101

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                  7              23              9              0              0
            POINT SOURCES                 1               3              1              0              0
         BITUMINOUS COAL
            AREA SOURCES                  2              26             15              0              0
         RESIDUAL OIL
            AREA SOURCES                 16             274             61              0              5
            POINT SOURCES                36             479             98              0              8
         DISTILLATE OIL
            AREA SOURCES                  0               3              4              0              0
            POINT SOURCES                 9            1091            107              4             24
         COKE
            AREA SOURCES                 11              26              7              0              3
         WOOD
            POINT SOURCES               831              32            217             43             43
         LIQUID PETROL GAS
            POINT SOURCES                 0               0              1              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 36             352             96              0              8
            POINT SOURCES               877            1605            424             47             75

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES                 34             541            120              1              9
            POINT SOURCES                18             239             31              1              5
         DISTILLATE OIL
            AREA SOURCES                 13             203            154              8             36
            POINT SOURCES                 1              97             20              0              3
         NATURAL GAS
            AREA SOURCES                  0               0              1              0              0
         TOTAL (COMM-INST)
            AREA SOURCES                 47             744            275              9             45
            POINT SOURCES                19             336             51              1              8
```

RAIL	103	230	1504	383	529
TOTAL (DIESEL)	2049	1508	14531	1901	4265
AIRCRAFT					
CIVIL	0	0	0	9	460
TOTAL (AIRCRAFT)	0	0	0	9	460
VESSELS					
GASOLINE	0	0	1	29	90
TOTAL (VESSELS)	0	0	1	29	90
TOTAL (TRANSPORTATION)	8025	2029	27130	15878	120256
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	214	1	50	300	1756
STRUCTURAL FIRES	219	0	24	162	883
GASOLINE STA EVAP LOSS	0	0	0	1817	0
SOLVENT EVAPORATION LOSS	0	0	0	11523	0
UNPAVED ROADS	40593	0	0	0	0
TOTAL (MISCELLANEOUS)	41026	1	74	13802	2639
GRAND TOTAL ***********					
AREA SOURCES	50878	3050	28786	31587	131034
POINT SOURCES	7873	27948	15222	4495	1323
TOTAL	58751	30998	44008	36082	132357

```
*** N04 ***                                                                                                    *** N04 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                     RUN DATE:  TUESDAY    JANUARY 26, 1982
***************************                                         AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
STATE:48 VIRGINIA       AQCR:225 STATE CAPITAL                     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                                  PARTICULATES        SOX               NOX               HC                CO
                                  ************    ************     ************     ************     ************
                                   TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL               139            1601             1003               56              281
            NATURAL GAS                   31               2              259               25               65
            WOOD                         708              16               28              143             5085
            TOTAL (RESIDENTIAL)          878            1619             1290              224             5431

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             1129           21309            13044              146              488
            RESIDUAL OIL                 473           26016             7502               71              357
            DISTILLATE OIL                 0             223              133                4               22
            TOTAL (ELEC GEN)            1602           47548            20679              221              867

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            1430            4528             2384               70              154
                POINT SOURCES            487            1360              679               33               71
            RESIDUAL OIL
                POINT SOURCES           1920           23659             4195               59            11321
            DISTILLATE OIL
                POINT SOURCES             42             919              452               21              103
            NATURAL GAS
                AREA SOURCES              37               1             1855              524              227
                POINT SOURCES             14               0              163                4               17
            WOOD
                POINT SOURCES             40              51              337               67               67
            LIQUID PETROL GAS
                POINT SOURCES              0               0                2                0                0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            1467            4529             4239              594              381
                POINT SOURCES           2503           25989             5828              184            11579

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES               3               9                3                0                0
            BITUMINOUS COAL
                POINT SOURCES            172             256              143               10               19
            RESIDUAL OIL
                POINT SOURCES             34             489               86                2                8
            DISTILLATE OIL
                AREA SOURCES              19             275              208                9               47
```

```
*** N05 ***                                                                                                   *** N05 ***
    TOTAL (SOLID WASTE DISP)
                AREA SOURCES           2384           69          339         4959        15122
                POINT SOURCES            74            1           12          114         1290

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES       10251          406        10179        16711       142401
            LIGHT DUTY TRUCKS          3125          185         4281         5787        44162
            HEAVY DUTY VEHICLES         419           42         1441         1655        22350
            OFF HIGHWAY                  37           19          354         1276        13688
            TOTAL (GASOLINE)          13832          652        16255        25429       222601

        DIESEL

            HEAVY DUTY VEHICLES        1163          517         5185          713         2015
            OFF HIGHWAY                 285          238         2880          423          852
            RAIL                        113          256         1664          423          584
            TOTAL (DIESEL)             1561         1011         9729         1559         3451

    AIRCRAFT

        MILITARY                        278           27          167          494          891
        CIVIL                             2            1            3           58         2641
        COMMERCIAL                       13           30          278          311          692
        TOTAL (AIRCRAFT)                293           58          448          863         4224

    VESSELS

        DIESEL FUEL                       4            5           29            6           10
        GASOLINE                          0            8           33         1289         4056
        TOTAL (VESSELS)                   4           13           62         1295         4066

    TOTAL (TRANSPORTATION)            15690         1734        26494        29146       234342

MISCELLANEOUS (AREA)
********************

    FOREST MANAGED BURNING             1582           12          318         1423         8857
    AGRICULTURAL BURNING               1033            0          145         1220         6786
    STRUCTURAL FIRES                    117            0           12           89          477
    GASOLINE STA EVAP LOSS                0            0            0         2208            0
    SOLVENT EVAPORATION LOSS              0            0            0         9689            0
    UNPAVED ROADS                      7242            0            0            0            0
    UNPAVED AIRSTRIPS                   153            0            0            0            0
    TOTAL (MISCELLANEOUS)             10127           12          475        14629        16120

GRAND TOTAL
***********

    AREA SOURCES                      29022         2590        29824        49310       268884

    POINT SOURCES                      4557        18458         1902         1336        35585

    TOTAL                             33579        21048        31726        50646       304469
```

```
*** N06 ***                                                                                          *** N06 ***
          TOTAL (COMM-INST)
                AREA SOURCES              390          3302          2023            95           305
                POINT SOURCES              45          1397           342            14            61

       TOTAL (EXTERNAL COMB)
                AREA SOURCES             3668         13614         14115          2554         10047
                POINT SOURCES            3853          6436          6703           833          1001

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             3668         13614         14115          2554         10047
                POINT SOURCES            3853          6436          6703           833          1001

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                150             0             0             0             0
    FOOD/AGRICULTURAL                     621             0             0             0             0
    PRIMARY METAL                        1030        194072             0             0         19657
    SECONDARY METALS                      110             0             5             0             0
    MINERAL PRODUCTS                     1429           759           179            50          2070
    PETROLEUM INDUSTRY                     11             0            39          1531             3
    WOOD PRODUCTS                        1153           973           604            78          5501
    ORGANIC SOLVENT EVAPORATION             0             0             0          1842             0
    PETROLEUM STORAGE/TRANSPORT             0             0             0          1395             0
    TOTAL (INDUSTRIAL)                   4504        195804           827          4896         27231

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION              9             2             1             9            13
        TOTAL (GOVERNMENT)                  9             2             1             9            13

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              196             3             6           549          1647
        OPEN BURNING                      627            23           160           846          2682
        TOTAL (RESIDENTIAL)               823            26           166          1395          4329

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               12             3             6             6            17
                POINT SOURCES               2             3            17             0             0
        OPEN BURNING
                AREA SOURCES                7             0             3            13            35
        TOTAL (COMM-INST)
                AREA SOURCES               19             3             9            19            52
                POINT SOURCES               2             3            17             0             0

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES              22             1             4            16           185
        OPEN BURNING
                AREA SOURCES               60             3            21           103           364
        TOTAL (INDUSTRIAL)
                AREA SOURCES               60             3            21           103           364
                POINT SOURCES              22             1             4            16           185

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              902            32           196          1517          4745
                POINT SOURCES              33             6            22            25           198
```



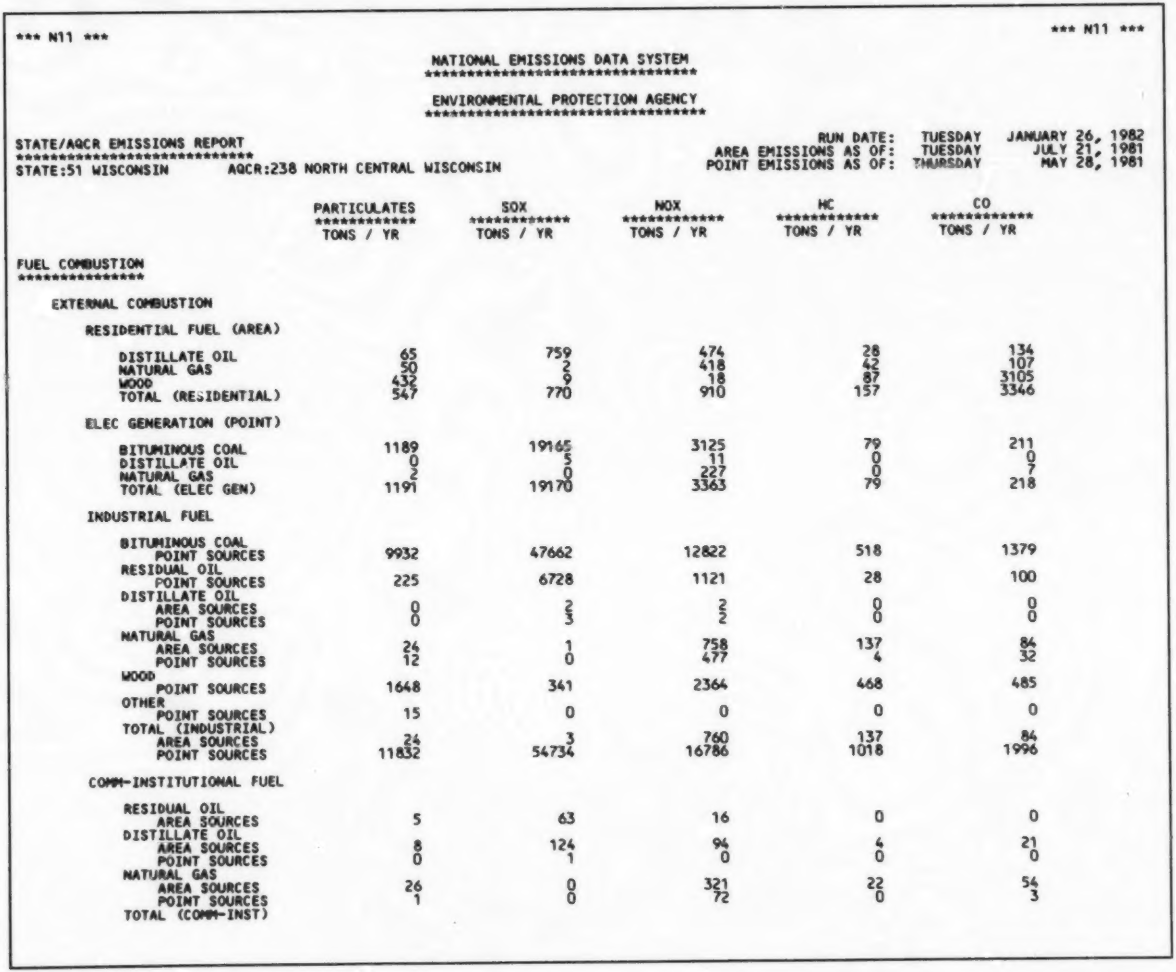
```
*** N07 ***                                                                                    *** N07 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

                                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                      AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:50 WEST VIRGINIA   AQCR:113 CUMBERLAND-KEYSER

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL              5             20              1              5             23
            DISTILLATE OIL               3             35             22              1              6
            NATURAL GAS                  0              0              1              0              0
            WOOD                        19              0              1              4            135
            TOTAL (RESIDENTIAL)         27             55             25             10            164

        INDUSTRIAL FUEL

            DISTILLATE OIL
                AREA SOURCES             1              6              7              0              1
            NATURAL GAS
                AREA SOURCES             1              0             56             18              7
            TOTAL (INDUSTRIAL)
                AREA SOURCES             2              6             63             18              8

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES             1              2              1              0              0
            DISTILLATE OIL
                AREA SOURCES             0              3              2              0              1
            NATURAL GAS
                AREA SOURCES             0              0              4              0              1
            TOTAL (COMM-INST)
                AREA SOURCES             1              5              7              0              2

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            30             66             95             28            174

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES            30             66             95             28            174

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              49              0              0            123            394
    MINERAL PRODUCTS                   178              0              0              0              0
    WOOD PRODUCTS                       23             31            102              0           1018
    TOTAL (INDUSTRIAL)                 250             31            102            123           1412

SOLID WASTE DISPOSAL
```

```
*** N08 ***                                                                                              *** N08 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

STATE/AQCR EMISSIONS REPORT                                                 RUN DATE:    TUESDAY    JANUARY 26, 1982
***************************                                      AREA EMISSIONS AS OF:    TUESDAY       JULY 21, 1981
STATE:50 WEST VIRGINIA    AQCR:232 CENTRAL WEST VIRGINIA        POINT EMISSIONS AS OF:   THURSDAY        MAY 28, 1981

                                PARTICULATES        SOX            NOX            HC             CO
                                ************    ************   ************   ************   ************
                                 TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               60             229              7             60            271
         DISTILLATE OIL                 3              49             31              1              8
         NATURAL GAS                   20               0            164             17             41
         WOOD                         102               1              4             22            720
         TOTAL (RESIDENTIAL)          185             279            206            100           1040

      INDUSTRIAL FUEL

         DISTILLATE OIL
            AREA SOURCES                9             103            126              7             18
         NATURAL GAS
            AREA SOURCES               15               1           1309            416            159
         WOOD
            POINT SOURCES               7               1              7              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES               24             104           1435            423            177
            POINT SOURCES               7               1              7              1              1

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                2               5              2              0              0
         DISTILLATE OIL
            AREA SOURCES                0              14             11              0              2
         NATURAL GAS
            AREA SOURCES                4               0             59              3             10
         TOTAL (COMM-INST)
            AREA SOURCES                6              19             72              3             12

      TOTAL (EXTERNAL COMB)
            AREA SOURCES              215             402           1713            526           1229
            POINT SOURCES               7               1              7              1              1

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES              215             402           1713            526           1229
            POINT SOURCES               7               1              7              1              1

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING              38               0              0              0              0
```

*** N09 ***

*** N09 ***

```
     ELECTRIC GENERATION

         DISTILLATE OIL                 20          149          236           21           58
         NATURAL GAS                     2            0           59            7           19
         TOTAL (ELEC GEN)               22          149          295           28           77

     INDUSTRIAL FUEL

         DISTILLATE OIL                  0            0            5            0            1
         NATURAL GAS                     1            0          169           22            0
         TOTAL (INDUSTRIAL)              1            0          174           22            1

     ENGINE-TESTING

         TOTAL (ENG TESTNG)             11           10           91           30           49

     TOTAL (INTERNAL COMB)              34          159          560           80          127

   TOTAL (FUEL COMBUSTION)

              AREA SOURCES              58          241          732           89          131
              POINT SOURCES           1558        14322         7623          147          326

INDUSTRIAL PROCESS (POINT)
***************************

    FOOD/AGRICULTURAL                    1           10           10           29            2
    SECONDARY METALS                   226           33           25            9          360
    MINERAL PRODUCTS                    63            0            0            0            0
    ORGANIC SOLVENT EVAPORATION          0            0            0         6694            0
    TEXTILE MANUFACTURING              117            0            0            0            0
    TOTAL (INDUSTRIAL)                 407           43           35         6732          362

SOLID WASTE DISPOSAL
*********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          68            1           21            0            0
        TOTAL (GOVERNMENT)              68            1           21            0            0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            70            1            2          198          594
        OPEN BURNING                   196            7           50          264          837
        TOTAL (RESIDENTIAL)            266            8           52          462         1431

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES            17            5            8           10           23
        OPEN BURNING
                AREA SOURCES             1            0            0            2            4
        TOTAL (COMM-INST)
                AREA SOURCES            18            5            8           12           27

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES            11            2            2           10           14
        OPEN BURNING
                AREA SOURCES             6            0            2           10           35
        TOTAL (INDUSTRIAL)
                AREA SOURCES            17            2            4           20           49

    TOTAL (SOLID WASTE DISP
```



```
*** N11 ***                                                                                         *** N11 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                           RUN DATE:   TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
***************************                                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
STATE:51 WISCONSIN       AQCR:238 NORTH CENTRAL WISCONSIN

                              PARTICULATES       SOX            NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               65            759            474             28            134
         NATURAL GAS                  50              2            418             42            107
         WOOD                        432              9             18             87           3105
         TOTAL (RESIDENTIAL)         547            770            910            157           3346

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            1189          19165           3125             79            211
         DISTILLATE OIL                0              5             11              0              0
         NATURAL GAS                   2              0            227              0              7
         TOTAL (ELEC GEN)           1191          19170           3363             79            218

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           9932          47662          12822            518           1379
         RESIDUAL OIL
            POINT SOURCES            225           6728           1121             28            100
         DISTILLATE OIL
            AREA SOURCES               0              2              2              0              0
            POINT SOURCES              0              3              2              0              0
         NATURAL GAS
            AREA SOURCES              24              1            758            137             84
            POINT SOURCES             12              0            477              4             32
         WOOD
            POINT SOURCES           1648            341           2364            468            485
         OTHER
            POINT SOURCES             15              0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              24              3            760            137             84
            POINT SOURCES          11832          54734          16786           1018           1996

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES               5             63             16              0              0
         DISTILLATE OIL
            AREA SOURCES               8            124             94              4             21
            POINT SOURCES              0              1              0              0              0
         NATURAL GAS
            AREA SOURCES              26              0            321             22             54
            POINT SOURCES              1              0             72              0              3
         TOTAL (COMM-INST)
```

```
                 AREA SOURCES              31              0            370             22             60
                 POINT SOURCES              0              0              2              0              0
             TOTAL (COMM-INST)
                 AREA SOURCES             522            914            764             52            143
                 POINT SOURCES              0              0              2              0              0

         TOTAL (EXTERNAL COMB)
                 AREA SOURCES            2427           7163          47951          16975           8738
                 POINT SOURCES          15169         154795         140665           2562           7844

     INTERNAL COMBUSTION (POINT)

         INDUSTRIAL FUEL

             NATURAL GAS                   27              1           7609           3123           1019
             TOTAL (INDUSTRIAL)            27              1           7609           3123           1019

         TOTAL (INTERNAL COMB)             27              1           7609           3123           1019

     TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            2427           7163          47951          16975           8738
                 POINT SOURCES          15196         154796         148274           5685           8863

INDUSTRIAL PROCESS (POINT)
****************************

     CHEMICAL MANUFACTURING              4546           2884             23              0              2
     FOOD/AGRICULTURAL                    233            271             43              0              3
     PRIMARY METAL                        116           1277              1            165             66
     MINERAL PRODUCTS                   16834           1572            319             10              3
     PETROLEUM INDUSTRY                  1033          22698           3373          11393          54696
     PETROLEUM STORAGE/TRANSPORT            0              0              0           8752              0
     OTHER/NOT CLASSIFIED                   0            524              0              0              0
     TOTAL (INDUSTRIAL)                 22762          29226           3759          20320          54770

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

         ON SITE INCINERATION             392              3              9           1102           3316
         OPEN BURNING                     620             22            159            836           2645
         TOTAL (RESIDENTIAL)             1012             25            168           1938           5961

     COMMERCIAL-INSTITUTIONAL

         ON SITE INCINERATION
                 AREA SOURCES             109             33             51             63            154
         TOTAL (COMM-INST)
                 AREA SOURCES             109             33             51             63            154

     INDUSTRIAL

         ON SITE INCINERATION
                 AREA SOURCES              24              1              1             23             29
                 POINT SOURCES            793             13            156           1376          15902
         TOTAL (INDUSTRIAL)
                 AREA SOURCES              24              1              1             23             29
                 POINT SOURCES            793             13            156           1376          15902

     TOTAL (SOLID WASTE DISP)
                 AREA SOURCES            1145             59            220           2024           6144
                 POINT SOURCES            793             13            156           1376          15902

TRANSPORTATION (AREA)
```

```
*** N13 ***                                                                                                    *** N13 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                             ******************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                             *******************************

                                                                               RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE EMISSIONS REPORT                                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*****************************                                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE 54:GUAM

                               PARTICULATES         SOX             NOX             HC              CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        ELEC GENERATION (POINT)

            RESIDUAL OIL              8113          103997           24417             243            1104
            TOTAL (ELEC GEN)          8113          103997           24417             243            1104

        INDUSTRIAL FUEL

            DISTILLATE OIL
                POINT SOURCES            7             402              82               4              19
            NATURAL GAS
                POINT SOURCES            1               0              17               1               3
            TOTAL (INDUSTRIAL)
                POINT SOURCES            8             402              99               5              22

        COMM-INSTITUTIONAL FUEL

            DISTILLATE OIL
                POINT SOURCES            1              58              12               1               3
            TOTAL (COMM-INST)
                POINT SOURCES            1              58              12               1               3

        TOTAL (EXTERNAL COMB)
                POINT SOURCES         8122          104457           24528             249            1129

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL             253           11917            3387             121             197
            OTHER                        4               5              54               4              12
            TOTAL (ELEC GEN)           257           11922            3441             125             209

        TOTAL (INTERNAL COMB)          257           11922            3441             125             209

    TOTAL (FUEL COMBUSTION)

                POINT SOURCES         8379          116379           27969             374            1338

INDUSTRIAL PROCESS (POINT)
**************************

    MINERAL PRODUCTS                     1               0               0               0               0
    ORGANIC SOLVENT EVAPORATION          0               0               0             151               0
    PETROLEUM STORAGE/TRANSPORT          0               0               0            6205               0
    TOTAL (INDUSTRIAL)                   1               0               0            6356               0
```

```
*** N15 ***                                                                                                   *** N15 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

AQCR EMISSIONS REPORT                                                        RUN DATE:  TUESDAY     JANUARY 26, 1982
*************************                                          AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
AQCR:013 CLARK-MOHAVE                                             POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                               PARTICULATES         SOX             NOX              HC              CO
                               ************    ************    ************    ************    ************
                                TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                 0              13               6               0               1
            NATURAL GAS                   37               2             293              29              74
            WOOD                          64               2               3              13             459
            TOTAL (RESIDENTIAL)          101              17             302              42             534

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            10067           34242           54941             606            2019
            RESIDUAL OIL                  13             258             138               2              11
            DISTILLATE OIL                 3              22              47               2               8
            NATURAL GAS                   87               7            7092              10             181
            TOTAL (ELEC GEN)           10170           34529           62218             620            2219

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             299            1081             577              17              38
            DISTILLATE OIL
                AREA SOURCES               9             123             100               6              14
                POINT SOURCES              2              75              23               1               5
            NATURAL GAS
                AREA SOURCES              23               1             834             188              98
                POINT SOURCES              2               0              90               1               4
            PROCESS GAS
                POINT SOURCES              0             320               0               0               0
            OTHER
                POINT SOURCES              0               0               4               0               1
            TOTAL (INDUSTRIAL)
                AREA SOURCES             331            1205            1511             211             150
                POINT SOURCES              4             395             117               2              10

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
                AREA SOURCES               2              32               7               0               0
            DISTILLATE OIL
                AREA SOURCES               1              18               9               0               2
                POINT SOURCES              0               3               1               0               0
            NATURAL GAS
                AREA SOURCES              44               3             532              35              89
                POINT SOURCES            112               7            1343              90             224
            OTHER
                POINT SOURCES              0               1               2               0               0
```

```
*** N16 ***                                                                                   *** N16 ***
              POINT SOURCES               24          30          227          180          37
      OPEN BURNING
              AREA SOURCES                 4           0            1            5          20
      TOTAL (INDUSTRIAL)
              AREA SOURCES                 7           1            2            7          23
              POINT SOURCES               24          30          227          180          37

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES               960          25          126         2079        6333
              POINT SOURCES               39          31          236          184          42

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           16760         520        11817        18829      176655
         LIGHT DUTY TRUCKS              2854         127         2726         4012       32716
         HEAVY DUTY VEHICLES            1071          76         2297         3418       48060
         OFF HIGHWAY                      45          24          448         1613       17298
         TOTAL (GASOLINE)              20730         747        17288        27872      274729

      DIESEL

         HEAVY DUTY VEHICLES            3636        1397        12859         1949        5745
         OFF HIGHWAY                     271         228         2744          404         813
         RAIL                            248         566         3674          934        1291
         TOTAL (DIESEL)                 4155        2191        19277         3287        7849

   AIRCRAFT

      MILITARY                            16           1            9           28          51
      CIVIL                                1           0            1           28        1261
      COMMERCIAL                          47         104          970         1085        2420
      TOTAL (AIRCRAFT)                    64         105          980         1141        3732

   VESSELS

      DIESEL FUEL                        233         292         2178          572         762
      GASOLINE                             0           6           23          931        2926
      TOTAL (VESSELS)                    233         298         2201         1503        3688

   TOTAL (TRANSPORTATION)              25182        3341        39746        33803      289998

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       64           0           15           90         522
   FOREST MANAGED BURNING                101           1           20           91         566
   STRUCTURAL FIRES                      230           1           28          173         938
   GASOLINE STA EVAP LOSS                  0           0            0         4841           0
   SOLVENT EVAPORATION LOSS                0           0            0        25143           0
   UNPAVED ROADS                       22653           0            0            0           0
   UNPAVED AIRSTRIPS                       2           0            0            0           0
   TOTAL (MISCELLANEOUS)               23050           2           63        30338        2026

GRAND TOTAL
***********

   AREA SOURCES                        49785        5172        46134        68063      301092

   POINT SOURCES                       10566       84628        48988        15851       31577

   TOTAL                               60351       89800        95122        83914      332669
```

```
A01...STATE:45 TEXAS              AQCR:218
B01...STATE:45 TEXAS              AQCR:218
C01...STATE 46:UTAH
D01...STATE 46:UTAH
E01...STATE 46:UTAH
F01...STATE 46:UTAH
G01...STATE 46:UTAH
H01...STATE:46 UTAH               AQCR:014
I01...STATE:46 UTAH               AQCR:014
J01...STATE:46 UTAH               AQCR:014
K01...STATE:46 UTAH               AQCR:014
L01...STATE:46 UTAH               AQCR:219
M01...STATE:46 UTAH               AQCR:219
N01...STATE:46 UTAH               AQCR:219
O01...STATE:46 UTAH               AQCR:219
A02...STATE:46 UTAH               AQCR:220
B02...STATE:46 UTAH               AQCR:220
C02...STATE:46 UTAH               AQCR:220
D02...STATE:46 UTAH               AQCR:220
E02...STATE:46 UTAH               AQCR:220
F02...STATE 47:VERMONT
G02...STATE 47:VERMONT
H02...STATE 47:VERMONT
I02...STATE 47:VERMONT
J02...STATE:47 VERMONT            AQCR:159
K02...STATE:47 VERMONT            AQCR:159
L02...STATE:47 VERMONT            AQCR:159
M02...STATE:47 VERMONT            AQCR:159
N02...STATE:47 VERMONT            AQCR:221
O02...STATE:47 VERMONT            AQCR:221
A03...STATE:47 VERMONT            AQCR:221
B03...STATE:47 VERMONT            AQCR:221
C03...STATE 48:VIRGINIA
D03...STATE 48:VIRGINIA
E03...STATE 48:VIRGINIA
F03...STATE 48:VIRGINIA
G03...STATE 48:VIRGINIA
H03...STATE:48 VIRGINIA           AQCR:047
I03...STATE:48 VIRGINIA           AQCR:047
J03...STATE:48 VIRGINIA           AQCR:047
K03...STATE:48 VIRGINIA           AQCR:047
L03...STATE:48 VIRGINIA           AQCR:207
M03...STATE:48 VIRGINIA           AQCR:207
N03...STATE:48 VIRGINIA           AQCR:207
O03...STATE:48 VIRGINIA           AQCR:207

A04...STATE:48 VIRGINIA           AQCR:222
B04...STATE:48 VIRGINIA           AQCR:222
C04...STATE:48 VIRGINIA           AQCR:222
D04...STATE:48 VIRGINIA           AQCR:222
E04...STATE:48 VIRGINIA           AQCR:223
F04...STATE:48 VIRGINIA           AQCR:223
G04...STATE:48 VIRGINIA           AQCR:223
H04...STATE:48 VIRGINIA           AQCR:223
I04...STATE:48 VIRGINIA           AQCR:223
J04...STATE:48 VIRGINIA           AQCR:224
K04...STATE:48 VIRGINIA           AQCR:224
L04...STATE:48 VIRGINIA           AQCR:224
M04...STATE:48 VIRGINIA           AQCR:224
N04...STATE:48 VIRGINIA           AQCR:225
O04...STATE:48 VIRGINIA           AQCR:225
A05...STATE:48 VIRGINIA           AQCR:225
B05...STATE:48 VIRGINIA           AQCR:225
C05...STATE:48 VIRGINIA           AQCR:226
D05...STATE:48 VIRGINIA           AQCR:226
E05...STATE:48 VIRGINIA           AQCR:226
F05...STATE:48 VIRGINIA           AQCR:226
G05...STATE 49:WASHINGTON
H05...STATE 49:WASHINGTON
I05...STATE 49:WASHINGTON
J05...STATE 49:WASHINGTON
K05...STATE 49:WASHINGTON
L05...STATE:49 WASHINGTON         AQCR:062
M05...STATE:49 WASHINGTON         AQCR:062
N05...STATE:49 WASHINGTON         AQCR:062
O05...STATE:49 WASHINGTON         AQCR:062
A06...STATE:49 WASHINGTON         AQCR:193
B06...STATE:49 WASHINGTON         AQCR:193
C06...STATE:49 WASHINGTON         AQCR:193
D06...STATE:49 WASHINGTON         AQCR:193
E06...STATE:49 WASHINGTON         AQCR:227
F06...STATE:49 WASHINGTON         AQCR:227
G06...STATE:49 WASHINGTON         AQCR:227
H06...STATE:49 WASHINGTON         AQCR:227
I06...STATE:49 WASHINGTON         AQCR:228
J06...STATE:49 WASHINGTON         AQCR:228
K06...STATE:49 WASHINGTON         AQCR:228
L06...STATE:49 WASHINGTON         AQCR:228
M06...STATE:49 WASHINGTON         AQCR:229
N06...STATE:49 WASHINGTON         AQCR:229
O06...STATE:49 WASHINGTON         AQCR:229

A07...STATE:49 WASHINGTON         AQCR:229
B07...STATE:49 WASHINGTON         AQCR:230
C07...STATE:49 WASHINGTON         AQCR:230
D07...STATE:49 WASHINGTON         AQCR:230
E07...STATE:49 WASHINGTON         AQCR:230
F07...STATE 50:WEST VIRGINIA
G07...STATE 50:WEST VIRGINIA
H07...STATE 50:WEST VIRGINIA
I07...STATE 50:WEST VIRGINIA
J07...STATE:50 WEST VIRGINIA      AQCR:103
K07...STATE:50 WEST VIRGINIA      AQCR:103
L07...STATE:50 WEST VIRGINIA      AQCR:103
M07...STATE:50 WEST VIRGINIA      AQCR:103
N07...STATE:50 WEST VIRGINIA      AQCR:113
O07...STATE:50 WEST VIRGINIA      AQCR:113
A08...STATE:50 WEST VIRGINIA      AQCR:113
B08...STATE:50 WEST VIRGINIA      AQCR:179
C08...STATE:50 WEST VIRGINIA      AQCR:179
D08...STATE:50 WEST VIRGINIA      AQCR:179
E08...STATE:50 WEST VIRGINIA      AQCR:179
F08...STATE:50 WEST VIRGINIA      AQCR:181
G08...STATE:50 WEST VIRGINIA      AQCR:181
H08...STATE:50 WEST VIRGINIA      AQCR:181
I08...STATE:50 WEST VIRGINIA      AQCR:181
J08...STATE:50 WEST VIRGINIA      AQCR:231
K08...STATE:50 WEST VIRGINIA      AQCR:231
L08...STATE:50 WEST VIRGINIA      AQCR:231
M08...STATE:50 WEST VIRGINIA      AQCR:231
N08...STATE:50 WEST VIRGINIA      AQCR:232
O08...STATE:50 WEST VIRGINIA      AQCR:232
A09...STATE:50 WEST VIRGINIA      AQCR:232
B09...STATE:50 WEST VIRGINIA      AQCR:232
C09...STATE:50 WEST VIRGINIA      AQCR:233
D09...STATE:50 WEST VIRGINIA      AQCR:233
E09...STATE:50 WEST VIRGINIA      AQCR:233
F09...STATE:50 WEST VIRGINIA      AQCR:233
G09...STATE:50 WEST VIRGINIA      AQCR:234
H09...STATE:50 WEST VIRGINIA      AQCR:234
I09...STATE:50 WEST VIRGINIA      AQCR:234
J09...STATE:50 WEST VIRGINIA      AQCR:234
K09...STATE:50 WEST VIRGINIA      AQCR:235
L09...STATE:50 WEST VIRGINIA      AQCR:235
M09...STATE:50 WEST VIRGINIA      AQCR:235
N09...STATE:50 WEST VIRGINIA      AQCR:235
O09...STATE:50 WEST VIRGINIA      AQCR:236
```

```
FICHE/SEGMT    7    7 CKPT:    1, 4362,  654,    2,  126
```

```
*** 002 ***                                                                                          *** 002 ***
        TOTAL (EXTERNAL COMB)
                AREA SOURCES             1702         2423         1264          359        11154
                POINT SOURCES             896         1941          475           48           83

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  3            6           35            3            8
            TOTAL (ELEC GEN)                3            6           35            3            8

        TOTAL (INTERNAL COMB)               3            6           35            3            8

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES             1702         2423         1264          359        11154
                POINT SOURCES             899         1947          510           51           91

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                  0            0            0           49            0
    FOOD/AGRICULTURAL                      15            0            0            0            0
    SECONDARY METALS                        3            0            0            0            0
    MINERAL PRODUCTS                       57            3            0            0            0
    WOOD PRODUCTS                          11            0            0            0            0
    ORGANIC SOLVENT EVAPORATION            11            0            0         1604            0
    PETROLEUM STORAGE/TRANSPORT             0            0            0            2            0
    TEXTILE MANUFACTURING                 180            0            0            0            0
    OTHER/NOT CLASSIFIED                    1            0            0            0            0
    TOTAL (INDUSTRIAL)                    278            3            0         1655            0

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              164            1            4          456         1370
        OPEN BURNING                      751           29          190         1013         3216
        TOTAL (RESIDENTIAL)               915           30          194         1469         4586

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES               37           11           19           22           52
        TOTAL (COMM-INST)
                AREA SOURCES               37           11           19           22           52

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                5            0            0            5            6
        TOTAL (INDUSTRIAL)
                AREA SOURCES                5            0            0            5            6

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              957           41          213         1496         4644

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          2753          191         4589         4711        36861
```

```
                POINT SOURCES                  2             13             20              1              4
            NATURAL GAS
                AREA SOURCES                  33              1            406             26             67
                POINT SOURCES                  0              0              2              0              0
            TOTAL (COMM-INST)
                AREA SOURCES                  55            285            617             35            114
                POINT SOURCES                208            758            251             13             31

        TOTAL (EXTERNAL COMB)
                AREA SOURCES                2400           6433           6146            853           5926
                POINT SOURCES               4313          74295          26758            418          12477

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                     0              0              1              0              0
            NATURAL GAS                        3              0             74              8             21
            TOTAL (ELEC GEN)                   3              0             75              8             21

        TOTAL (INTERNAL COMB)                  3              0             75              8             21

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES                2400           6433           6146            853           5926
                POINT SOURCES               4316          74295          26833            426          12498

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING               899           1142          16558           3584              9
    FOOD/AGRICULTURAL                    195              0              0           1913              0
    SECONDARY METALS                     202            384              0             71            911
    MINERAL PRODUCTS                    1460              0              0              0              0
    WOOD PRODUCTS                        720           2215             67           1443          12338
    ORGANIC SOLVENT EVAPORATION            3              0              0          14243              0
    PETROLEUM STORAGE/TRANSPORT          236              0             15           2571              1
    OTHER/NOT CLASSIFIED                  26              0              0              0              0
    TOTAL (INDUSTRIAL)                  3741           3741          16640          23825          13259

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION              72              1              1            205            623
        OPEN BURNING                    1157             43            295           1558           4945
        TOTAL (RESIDENTIAL)             1229             44            296           1763           5568

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              98             30             46             56            137
        TOTAL (COMM-INST)
                AREA SOURCES              98             30             46             56            137

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES             107             21             21             97            145
                POINT SOURCES            142            350            108             34            436
        OPEN BURNING
                AREA SOURCES               4              0              1              6             25
        TOTAL (INDUSTRIAL)
                AREA SOURCES             111             21             22            103            170
                POINT SOURCES            142            350            108             34            436
```

```
*** 006 ***                                                                                                    *** 006 ***
TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          50650           1508          37328          71143         650617
            LIGHT DUTY TRUCKS            11144            465          10519          17476         145414
            HEAVY DUTY VEHICLES           1357             94           2882           4964          65953
            OFF HIGHWAY                    119             62           1170           4216          45208
            TOTAL (GASOLINE)             63270           2129          51899          97799         907192

        DIESEL

            HEAVY DUTY VEHICLES           5341           2032          20431           3321           9387
            OFF HIGHWAY                    843            705           8521           1252           2522
            RAIL                           527           1202           7800           1981           2740
            TOTAL (DIESEL)                6711           3939          36752           6554          14649

    AIRCRAFT

        MILITARY                           339             32            203            604           1089
        CIVIL                                5              2              6            105           4812
        COMMERCIAL                          47            104            970           1085           2420
        TOTAL (AIRCRAFT)                   391            138           1179           1794           8321

    VESSELS

        DIESEL FUEL                        411            513           3829           1005           1339
        RESIDUAL OIL                       409           5390            885             61             29
        GASOLINE                             0             15             57           2279           7161
        TOTAL (VESSELS)                    820           5918           4771           3345           8529

    TOTAL (TRANSPORTATION)               71192          12124          94601         109492         938691

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       383              4             91            542           3159
    FOREST MANAGED BURNING                9540             71           1908           8586          53424
    AGRICULTURAL BURNING                   108              0             15            127            708
    STRUCTURAL FIRES                       554              1             65            415           2251
    GASOLINE STA EVAP LOSS                   0              0              0          10147              0
    SOLVENT EVAPORATION LOSS                 0              0              0          58716              0
    UNPAVED ROADS                         2895              0              0              0              0
    UNPAVED AIRSTRIPS                      135              0              0              0              0
    TOTAL (MISCELLANEOUS)                13615             76           2079          78533          59542

GRAND TOTAL
***********

    AREA SOURCES                         89377          25846         110991         192096        1013025

    POINT SOURCES                         8390         202246           7552           5754          28430

    TOTAL                                97767         228092         118543         197850        1041455
```

```
*** 007 ***
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              0           0           0           1           4
      OPEN BURNING                     32           1           8          44         138
      TOTAL (RESIDENTIAL)              32           1           8          45         142

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES            32           1           8          45         142

TRANSPORTATION (AREA)
********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           55           5         116         129         901
         LIGHT DUTY TRUCKS             28           3          75          69         431
         HEAVY DUTY VEHICLES            6           1          34          25         337
         OFF HIGHWAY                    1           1          14          51         550
         TOTAL (GASOLINE)              90          10         239         274        2219

      DIESEL

         HEAVY DUTY VEHICLES           38          24         229          22          62
         OFF HIGHWAY                   14          12         146          21          43
         RAIL                          11          25         159          40          56
         TOTAL (DIESEL)                63          61         534          83         161

   AIRCRAFT

      CIVIL                             0           0           0           1          26
      TOTAL (AIRCRAFT)                  0           0           0           1          26

   TOTAL (TRANSPORTATION)             153          71         773         358        2406

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     8           0           2          11          65
   STRUCTURAL FIRES                     3           0           0           2          10
   GASOLINE STA EVAP LOSS               0           0           0          54           0
   SOLVENT EVAPORATION LOSS             0           0           0         220           0
   UNPAVED ROADS                     1361           0           0           0           0
   TOTAL (MISCELLANEOUS)             1372           0           2         287          75

GRAND TOTAL
***********

   AREA SOURCES                      1587         138         878         718        2797

   POINT SOURCES                      250          31         102         123        1412

   TOTAL                             1837         169         980         841        4209
```

```
*** 008 ***
    MINERAL PRODUCTS                          472              426              168               99                0
    WOOD PRODUCTS                               0                0                0              164              140
    TOTAL (INDUSTRIAL)                        510              426              168              263              140

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                    8                0                0               24               70
        OPEN BURNING                          534               18              137              721             2281
        TOTAL (RESIDENTIAL)                   542               18              137              745             2351

    INDUSTRIAL

        ON SITE INCINERATION
                POINT SOURCES                  78                2               11              152              360
        TOTAL (INDUSTRIAL)
                POINT SOURCES                  78                2               11              152              360

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES                  542               18              137              745             2351
                POINT SOURCES                  78                2               11              152              360

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES              1132               87             2151             2358            17106
            LIGHT DUTY TRUCKS                 625               66             1498             1369             8777
            HEAVY DUTY VEHICLES               144               18              691              567             7722
            OFF HIGHWAY                        19                8              180              647             6940
            TOTAL (GASOLINE)                 1920              179             4520             4941            40545

        DIESEL

            HEAVY DUTY VEHICLES               326              190             1812              175              507
            OFF HIGHWAY                       194              164             1970              288              583
            RAIL                              175              391             2547              646              893
            TOTAL (DIESEL)                    695              745             6329             1109             1983

    AIRCRAFT

        CIVIL                                   0                0                0                6              345
        TOTAL (AIRCRAFT)                        0                0                0                6              345

    VESSELS

        DIESEL FUEL                             0                2                8                2                4
        TOTAL (VESSELS)                         0                2                8                2                4

    TOTAL (TRANSPORTATION)                   2615              926            10857             6058   [illegible]377

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                          317                2               74              446             2609
    STRUCTURAL FIRES                           43                0                4               32              174
    GASOLINE STA EVAP LOSS                      0                0                0              616                0
    SOLVENT EVAPORATION LOSS                    0                0                0             3923                0
    UNPAVED ROADS                           50670                0                0                0                0
    TOTAL (MISCELLANEOUS)                   51030                2               78             5017             2783
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                     RUN DATE:  TUESDAY    JANUARY 26, 1982
STATE/AQCR EMISSIONS REPORT                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
STATE:50 WEST VIRGINIA   AQCR:236 SOUTHERN WEST VIRGINIA

                              PARTICULATES        SOX           NOX            HC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL             250            952             37            250           1128
         DISTILLATE OIL               15            166            104              4             28
         NATURAL GAS                  37              1            297             30             75
         WOOD                         79              1              3             16            567
         TOTAL (RESIDENTIAL)         381           1120            441            300           1798

      INDUSTRIAL FUEL

         DISTILLATE OIL
            AREA SOURCES               5             49             60              2              8
         NATURAL GAS
            AREA SOURCES               4              0            525            167             65
         WOOD
            POINT SOURCES             46              2             12              2              2
         TOTAL (INDUSTRIAL)
            AREA SOURCES               9             49            585            169             73
            POINT SOURCES             46              2             12              2              2

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              10             23             10              0              0
         DISTILLATE OIL
            AREA SOURCES               2             58             45              2             10
         NATURAL GAS
            AREA SOURCES              16              0            207             14             36
         TOTAL (COMM-INST)
            AREA SOURCES              28             81            262             16             46

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             418           1250           1288            485           1917
            POINT SOURCES             46              2             12              2              2

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES             418           1250           1288            485           1917
            POINT SOURCES             46              2             12              2              2

INDUSTRIAL PROCESS (POINT)
**************************

   SECONDARY METALS                    1              0              0              0              0
```

AREA SOURCES	301	15	64	494	1507
POINT SOURCES	68	1	21	0	0
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	2368	83	2072	3301	30392
LIGHT DUTY TRUCKS	545	26	617	925	7606
HEAVY DUTY VEHICLES	116	9	311	459	6171
OFF HIGHWAY	16	8	158	568	6095
TOTAL (GASOLINE)	3045	126	3158	5253	50264
DIESEL					
HEAVY DUTY VEHICLES	264	111	1172	175	476
OFF HIGHWAY	60	50	602	89	178
RAIL	21	47	307	78	108
TOTAL (DIESEL)	345	208	2081	342	762
AIRCRAFT					
MILITARY	18	2	11	31	56
CIVIL	1	0	1	15	674
COMMERCIAL	2	5	48	53	119
TOTAL (AIRCRAFT)	21	7	60	99	849
VESSELS					
GASOLINE	0	0	0	20	63
TOTAL (VESSELS)	0	0	0	20	63
TOTAL (TRANSPORTATION)	3411	341	5299	5714	51938
MISCELLANEOUS (AREA) ********************					
STRUCTURAL FIRES	38	0	4	28	154
GASOLINE STA EVAP LOSS	0	0	0	749	0
SOLVENT EVAPORATION LOSS	0	0	0	6913	0
UNPAVED ROADS	2262	0	0	0	0
TOTAL (MISCELLANEOUS)	2300	0	4	7690	154
GRAND TOTAL ***********					
AREA SOURCES	6070	597	6099	13987	53730
POINT SOURCES	2033	14366	7679	6879	688
TOTAL	8103	14963	13778	20866	54418

```
                 AREA SOURCES             39          187          431           26           75
                 POINT SOURCES             1            1           72            0            3

        TOTAL (EXTERNAL COMB)
                 AREA SOURCES            610          960         2101          320         3505
                 POINT SOURCES         13024        73905        20221         1097         2217

    TOTAL (FUEL COMBUSTION)

                 AREA SOURCES            610          960         2101          320         3505
                 POINT SOURCES         13024        73905        20221         1097         2217

INDUSTRIAL PROCESS (POINT)
**************************

    FOOD/AGRICULTURAL                    314            0           14            1            2
    SECONDARY METALS                      60            0            0            0          489
    MINERAL PRODUCTS                    3442           28           31            0            6
    WOOD PRODUCTS                       7139        13524         2935          110         6156
    ORGANIC SOLVENT EVAPORATION            0            0            6         2916            0
    METAL FABRICATION                     36            0            3            0            1
    TOTAL (INDUSTRIAL)                 10991        13552         2989         3027         6654

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             174            2            4          487         1462
        OPEN BURNING                     478           17          123          646         2045
        TOTAL (RESIDENTIAL)              652           19          127         1133         3507

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES              40           13           21           26           59
        OPEN BURNING
                AREA SOURCES               1            0            0            2            4
        TOTAL (COMM-INST)
                AREA SOURCES              41           13           21           28           63

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              16            3            3           14           21
                POINT SOURCES             15           11           18           81          850
        OPEN BURNING
                AREA SOURCES               7            0            2           10           40
        TOTAL (INDUSTRIAL)
                AREA SOURCES              23            3            5           24           61
                POINT SOURCES             15           11           18           81          850

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES             716           35          153         1185         3631
                POINT SOURCES             15           11           18           81          850

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         5179          272         6821         8557        71147
            LIGHT DUTY TRUCKS           1575          117         2797         3233        23642
            HEAVY DUTY VEHICLES          399           42         1541         1625        22160
```

```
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          8487          350          6288         16867        186017
            LIGHT DUTY TRUCKS            5557          331          5354         12925        131779
            HEAVY DUTY VEHICLES           617           55          1284          2984         51440
            OFF HIGHWAY                    53           28           525          1896         20347
            TOTAL (GASOLINE)            14714          764         13451         34672        389583

        DIESEL

            HEAVY DUTY VEHICLES          3551         1588         15876          4396          9739
            OFF HIGHWAY                   608          510          6135           903          1815
            RAIL                         1150         2621         17012          4323          5978
            TOTAL (DIESEL)               5309         4719         39023          9622         17532

    AIRCRAFT

        MILITARY                           57            5            34           100           180
        CIVIL                               1            0             2            72          3253
        COMMERCIAL                          7           16           142           159           354
        TOTAL (AIRCRAFT)                   65           21           178           331          3787

    VESSELS

        GASOLINE                            0            4            14           671          2117
        TOTAL (VESSELS)                     0            4            14           671          2117

    TOTAL (TRANSPORTATION)              20088         5508         52666         45296        413019

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     2330           21           550          3291         19184
    FOREST MANAGED BURNING               1177            7           236          1059          6583
    STRUCTURAL FIRES                      117            0            11            87           474
    GASOLINE STA EVAP LOSS                  0            0             0          3435             0
    SOLVENT EVAPORATION LOSS                0            0             0          4591             0
    UNPAVED ROADS                      422290            0             0             0             0
    UNPAVED AIRSTRIPS                     120            0             0             0             0
    TOTAL (MISCELLANEOUS)              426034           28           797         12463         26241

GRAND TOTAL
***********

    AREA SOURCES                       449694        12758        101634         76758        454142

    POINT SOURCES                       38751       184035        152189         27381         79535

    TOTAL                              488445       196793        253823        104139        533677
```

```
*** 013 ***
SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION             9          1          1          9         12
        OPEN BURNING                    2040        128        765       3825      10839
        TOTAL (GOVERNMENT)              2049        129        766       3834      10851

    TOTAL (SOLID WASTE DISP)
                POINT SOURCES           2049        129        766       3834      10851

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          890         60       1357       1653      12424
            LIGHT DUTY TRUCKS            170         16        317        366       2443
            TOTAL (GASOLINE)            1060         76       1674       2019      14867

        DIESEL

            HEAVY DUTY VEHICLES          170         97        851         90        257
            TOTAL (DIESEL)               170         97        851         90        257

    AIRCRAFT

        MILITARY                         282         26        169        501        903
        COMMERCIAL                         4          8         72         80        179
        TOTAL (AIRCRAFT)                 286         34        241        581       1082

    VESSELS

        RESIDUAL OIL                       2         20          3          0          0
        TOTAL (VESSELS)                    2         20          3          0          0

    TOTAL (TRANSPORTATION)              1518        227       2769       2690      16206

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     320          3         75        452       2639
    GASOLINE STA EVAP LOSS                 0          0          0        342          0
    TOTAL (MISCELLANEOUS)                320          3         75        794       2639

GRAND TOTAL
***********

    AREA SOURCES                        1838        230       2844       3484      18845

    POINT SOURCES                      10429     116508      28735      10564      12189

    TOTAL                              12267     116738      31579      14048      31034
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

AQCR EMISSIONS REPORT

AQCR:005 MOBILE-PENSACOLA-PANAMA CITY-SOUTHERN MISSISSIPPI

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	0	1	0	0	1
DISTILLATE OIL	2	52	28	0	4
NATURAL GAS	201	7	1601	165	403
WOOD	2453	47	101	495	17622
TOTAL (RESIDENTIAL)	2656	107	1730	660	18030
ELEC GENERATION (POINT)					
BITUMINOUS COAL	10585	259779	99669	1317	5291
RESIDUAL OIL	2804	62405	10609	140	674
DISTILLATE OIL	12	1361	98	24	59
NATURAL GAS	1542	404	16637	241	1055
TOTAL (ELEC GEN)	14943	323949	127013	1722	7079
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	1654	10584	2586	75	164
POINT SOURCES	576	3027	201	3	11
RESIDUAL OIL					
AREA SOURCES	948	16500	3281	53	273
POINT SOURCES	3680	66465	12132	1814	2504
DISTILLATE OIL					
AREA SOURCES	48	489	600	29	80
POINT SOURCES	327	9529	1320	1666	1756
NATURAL GAS					
AREA SOURCES	274	13	38335	14430	5117
POINT SOURCES	776	3653	23380	1704	5990
PROCESS GAS					
POINT SOURCES	0	35	0	0	0
WOOD					
POINT SOURCES	9328	8334	18772	10716	7573
LIQUID PETROL GAS					
POINT SOURCES	1	0	12	0	2
TOTAL (INDUSTRIAL)					
AREA SOURCES	2924	27586	44802	14587	5634
POINT SOURCES	14688	91043	55817	15903	17836
COMM-INSTITUTIONAL FUEL					
RESIDUAL OIL					
AREA SOURCES	1168	20540	4105	67	341
POINT SOURCES	1	1859	342	6	28

```
        TOTAL (COMM-INST)
            AREA SOURCES           47        53       548        35        91
            POINT SOURCES         112        11      1346        90       224

      TOTAL (EXTERNAL COMB)
            AREA SOURCES          479      1275      2361       288       775
            POINT SOURCES       10286     34935     63681       712      2453

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL            10        41       137        11        31
         NATURAL GAS               46       105      1347       137       375
         TOTAL (ELEC GEN)          56       146      1484       148       406

      INDUSTRIAL FUEL

         DISTILLATE OIL             0         1         2         0         0
         TOTAL (INDUSTRIAL)         0         1         2         0         0

      TOTAL (INTERNAL COMB)        56       147      1486       148       406

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES          479      1275      2361       288       775
            POINT SOURCES       10342     35082     65167       860      2859

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING           1       175         1         0         0
   FOOD/AGRICULTURAL              634         0         0         0         0
   PRIMARY METAL                   49         0        20         0         3
   SECONDARY METALS                30         0         0         0         0
   MINERAL PRODUCTS              5300       230         0         0         0
   ORGANIC SOLVENT EVAPORATION      0         0         0        19         0
   PETROLEUM STORAGE/TRANSPORT      0         0         0      1075         0
   OTHER/NOT CLASSIFIED             6         0         0         0         0
   TOTAL (INDUSTRIAL)            6020       405        21      1094         3

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION        112         1         3       316       949
      OPEN BURNING                 83         3        21       111       354
      TOTAL (RESIDENTIAL)         195         4        24       427      1303

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
            AREA SOURCES            8         1         4         4        10
      OPEN BURNING
            AREA SOURCES            1         0         0         2         4
      TOTAL (COMM-INST)
            AREA SOURCES            9         1         4         6        14

   INDUSTRIAL

      ON SITE INCINERATION
            AREA SOURCES           34         7         7        30        45
      OPEN BURNING
            AREA SOURCES           17         1         6        30       105
      TOTAL (INDUSTRIAL)
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

AQCR EMISSIONS REPORT                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
*****************************                                    AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
AQCR:043 NEW JERSEY-NEW YORK-CONNECTICUT                        POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                              PARTICULATES      SOX             NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               653           1737            195            165           5874
         DISTILLATE OIL               2958          34077          21299           1183           5916
         NATURAL GAS                   968             57           7729            774           1933
         WOOD                          435              9             17             87           3132
         TOTAL (RESIDENTIAL)          5014          35880          29240           2209          16855

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              1187          26535           6285            105            349
         RESIDUAL OIL                 2599         121035         139083           1324           6622
         DISTILLATE OIL                 75            790           1137             18             86
         NATURAL GAS                   123             24          28931             41            701
         TOTAL (ELEC GEN)             3984         148384         175436           1488           7758

      INDUSTRIAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                 7             18              8              0              1
            POINT SOURCES                0              0              2              0              0
         BITUMINOUS COAL
            AREA SOURCES                71            479            128              2              7
         LIGNITE
            POINT SOURCES                1              0              0              0              0
         RESIDUAL OIL
            AREA SOURCES              1767          11463           6095            100            508
            POINT SOURCES             2839          27799          25014            439           2036
         DISTILLATE OIL
            AREA SOURCES               679           6506           7906            429           1129
            POINT SOURCES               50           1148            547             45            125
         NATURAL GAS
            AREA SOURCES               203              9           6397           1253            728
            POINT SOURCES              182              3           3423             27            186
         PROCESS GAS
            POINT SOURCES                0              1              0              0              0
         LIQUID PETROL GAS
            POINT SOURCES                0              0              3              0              0
         OTHER
            POINT SOURCES                1              0              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES              2727          18475          20534           1784           2373
            POINT SOURCES             3073          28951          28989            511           2347
```

```
A10...STATE:50 WEST VIRGINIA    AQCR:236
B10...STATE:50 WEST VIRGINIA    AQCR:236
C10...STATE:50 WEST VIRGINIA    AQCR:236
D10...STATE 51:WISCONSIN
E10...STATE 51:WISCONSIN
F10...STATE 51:WISCONSIN
G10...STATE 51:WISCONSIN
H10...STATE 51:WISCONSIN
I10...STATE:51 WISCONSIN        AQCR:068
J10...STATE:51 WISCONSIN        AQCR:068
K10...STATE:51 WISCONSIN        AQCR:068
L10...STATE:51 WISCONSIN        AQCR:068
M10...STATE:51 WISCONSIN        AQCR:073
N10...STATE:51 WISCONSIN        AQCR:073
O10...STATE:51 WISCONSIN        AQCR:073
A11...STATE:51 WISCONSIN        AQCR:073
B11...STATE:51 WISCONSIN        AQCR:128
C11...STATE:51 WISCONSIN        AQCR:128
D11...STATE:51 WISCONSIN        AQCR:128
E11...STATE:51 WISCONSIN        AQCR:128
F11...STATE:51 WISCONSIN        AQCR:129
G11...STATE:51 WISCONSIN        AQCR:129
H11...STATE:51 WISCONSIN        AQCR:129
I11...STATE:51 WISCONSIN        AQCR:129
J11...STATE:51 WISCONSIN        AQCR:237
K11...STATE:51 WISCONSIN        AQCR:237
L11...STATE:51 WISCONSIN        AQCR:237
M11...STATE:51 WISCONSIN        AQCR:237
N11...STATE:51 WISCONSIN        AQCR:238
O11...STATE:51 WISCONSIN        AQCR:238
A12...STATE:51 WISCONSIN        AQCR:238
B12...STATE:51 WISCONSIN        AQCR:238
C12...STATE:51 WISCONSIN        AQCR:239
D12...STATE:51 WISCONSIN        AQCR:239
E12...STATE:51 WISCONSIN        AQCR:239
F12...STATE:51 WISCONSIN        AQCR:239
G12...STATE:51 WISCONSIN        AQCR:239
H12...STATE:51 WISCONSIN        AQCR:240
I12...STATE:51 WISCONSIN        AQCR:240
J12...STATE:51 WISCONSIN        AQCR:240
K12...STATE:51 WISCONSIN        AQCR:240
L12...STATE:51 WISCONSIN        AQCR:240
M12...STATE 52:WYOMING
N12...STATE 52:WYOMING
O12...STATE 52:WYOMING

A13...STATE 52:WYOMING
B13...STATE:52 WYOMING          AQCR:241
C13...STATE:52 WYOMING          AQCR:241
D13...STATE:52 WYOMING          AQCR:241
E13...STATE:52 WYOMING          AQCR:241
F13...STATE:52 WYOMING          AQCR:242
G13...STATE:52 WYOMING          AQCR:242
H13...STATE:52 WYOMING          AQCR:242
I13...STATE:52 WYOMING          AQCR:242
J13...STATE:52 WYOMING          AQCR:243
K13...STATE:52 WYOMING          AQCR:243
L13...STATE:52 WYOMING          AQCR:243
M13...STATE:52 WYOMING          AQCR:243
N13...STATE 54:GUAM
O13...STATE 54:GUAM
A14...STATE 54:GUAM
B14...STATE:54 GUAM             AQCR:246
C14...STATE:54 GUAM             AQCR:246
D14...STATE:54 GUAM             AQCR:246
E14...STATE 55:VIRGIN ISLANDS
F14...STATE 55:VIRGIN ISLANDS
G14...STATE 55:VIRGIN ISLANDS
H14...STATE:55 VIRGIN ISLANDS   AQCR:247
I14...STATE:55 VIRGIN ISLANDS   AQCR:247
J14...STATE:55 VIRGIN ISLANDS   AQCR:247
K14...AQCR:002 COLUMBUS-PHENIX CITY
L14...AQCR:002 COLUMBUS-PHENIX CITY
M14...AQCR:002 COLUMBUS-PHENIX CITY
N14...AQCR:002 COLUMBUS-PHENIX CITY
O14...AQCR:005 MOBILE-PENSACOLA-PANAMA
A15...AQCR:005 MOBILE-PENSACOLA-PANAMA
B15...AQCR:005 MOBILE-PENSACOLA-PANAMA
C15...AQCR:005 MOBILE-PENSACOLA-PANAMA
D15...AQCR:005 MOBILE-PENSACOLA-PANAMA
E15...AQCR:007 TENNESSEE RIVER VALLEY-C
F15...AQCR:007 TENNESSEE RIVER VALLEY-C
G15...AQCR:007 TENNESSEE RIVER VALLEY-C
H15...AQCR:007 TENNESSEE RIVER VALLEY-C
I15...AQCR:007 TENNESSEE RIVER VALLEY-C
J15...AQCR:012 ARIZONA-NEW MEXICO-SOUTH
K15...AQCR:012 ARIZONA-NEW MEXICO-SOUTH
L15...AQCR:012 ARIZONA-NEW MEXICO-SOUTH
M15...AQCR:012 ARIZONA-NEW MEXICO-SOUTH
N15...AQCR:013 CLARK-MOHAVE
O15...AQCR:013 CLARK-MOHAVE

A16...AQCR:013 CLARK-MOHAVE
B16...AQCR:013 CLARK-MOHAVE
C16...AQCR:014 FOUR CORNERS
D16...AQCR:014 FOUR CORNERS
E16...AQCR:014 FOUR CORNERS
F16...AQCR:014 FOUR CORNERS
G16...AQCR:014 FOUR CORNERS
H16...AQCR:017 METROPOLITAN FORT SMITH
I16...AQCR:017 METROPOLITAN FORT SMITH
J16...AQCR:017 METROPOLITAN FORT SMITH
K16...AQCR:017 METROPOLITAN FORT SMITH
L16...AQCR:018 METROPOLITAN MEMPHIS
M16...AQCR:018 METROPOLITAN MEMPHIS
N16...AQCR:018 METROPOLITAN MEMPHIS
O16...AQCR:018 METROPOLITAN MEMPHIS
A17...AQCR:019 MONROE-EL DORADO
B17...AQCR:019 MONROE-EL DORADO
C17...AQCR:019 MONROE-EL DORADO
D17...AQCR:019 MONROE-EL DORADO
E17...AQCR:022 SHREVEPORT-TEXARKANA-TYL
F17...AQCR:022 SHREVEPORT-TEXARKANA-TYL
G17...AQCR:022 SHREVEPORT-TEXARKANA-TYL
H17...AQCR:022 SHREVEPORT-TEXARKANA-TYL
I17...AQCR:022 SHREVEPORT-TEXARKANA-TYL
J17...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
K17...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
L17...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
M17...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
N17...AQCR:042 HARTFORD-NEW HAVEN-SPRIN
O17...AQCR:043 NEW JERSEY-NEW YORK-CONN
A18...AQCR:043 NEW JERSEY-NEW YORK-CONN
B18...AQCR:043 NEW JERSEY-NEW YORK-CONN
C18...AQCR:043 NEW JERSEY-NEW YORK-CONN
D18...AQCR:043 NEW JERSEY-NEW YORK-CONN
E18...AQCR:045 METROPOLITAN PHILADELPHI
F18...AQCR:045 METROPOLITAN PHILADELPHI
G18...AQCR:045 METROPOLITAN PHILADELPHI
H18...AQCR:045 METROPOLITAN PHILADELPHI
I18...AQCR:045 METROPOLITAN PHILADELPHI
J18...AQCR:047 NATIONAL CAPITAL
K18...AQCR:047 NATIONAL CAPITAL
L18...AQCR:047 NATIONAL CAPITAL
M18...AQCR:047 NATIONAL CAPITAL
```

```
FICHE/SEGMT    7    7 CKPT:    1, 4362,  654,    2,  126
```

AREA SOURCES	27	84	266	13	46
POINT SOURCES	63	697	201	10	16
TOTAL (EXTERNAL COMB)					
AREA SOURCES	629	237	1058	240	4127
POINT SOURCES	6693	61059	37382	762	1632
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	629	237	1058	240	4127
POINT SOURCES	6693	61059	37382	762	1632
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	450	2765	551	13	2
FOOD/AGRICULTURAL	183	0	0	66	0
SECONDARY METALS	174	44	1	0	62
MINERAL PRODUCTS	398	271	116	75	406
PETROLEUM INDUSTRY	31	692	110	131	1
WOOD PRODUCTS	1212	2579	979	0	31635
ORGANIC SOLVENT EVAPORATION	0	0	0	3943	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	324	0
OTHER/NOT CLASSIFIED	29	105	72	7	8
TOTAL (INDUSTRIAL)	2477	6456	1829	4559	32114
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	1	0	0	0	1
TOTAL (GOVERNMENT)	1	0	0	0	1
RESIDENTIAL (AREA)					
ON SITE INCINERATION	74	1	2	208	624
OPEN BURNING	634	25	163	858	2719
TOTAL (RESIDENTIAL)	708	26	165	1066	3343
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	4	1	2	3	8
OPEN BURNING					
AREA SOURCES	7	0	2	12	30
TOTAL (COMM-INST)					
AREA SOURCES	11	1	4	15	38
INDUSTRIAL					
ON SITE INCINERATION					
POINT SOURCES	124	4	21	183	2127
OPEN BURNING					
AREA SOURCES	41	1	13	69	244
TOTAL (INDUSTRIAL)					
AREA SOURCES	41	1	13	69	244
POINT SOURCES	124	4	21	183	2127
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	760	28	182	1150	3625
POINT SOURCES	125	4	21	183	2128
TRANSPORTATION (AREA)					
*********************					

```
*** A03 ***
        RESIDUAL OIL                           13           164            27             2             1
        GASOLINE                                0            12            39          1580          4957
        TOTAL (VESSELS)                        45           218           371          1663          5066

    TOTAL (TRANSPORTATION)                 196956         20213        257489        249894       2306321

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                         2211             4           263          1657          8999
    GASOLINE STA EVAP LOSS                      0             0             0         31271             0
    SOLVENT EVAPORATION LOSS                    0             0             0        266720             0
    UNPAVED ROADS                          115737             0             0             0             0
    UNPAVED AIRSTRIPS                          36             0             0             0             0
    TOTAL (MISCELLANEOUS)                  117984             4           263        299648          8999

GRAND TOTAL
***********

    AREA SOURCES                           332455         75150        301161        569333       2371174

    POINT SOURCES                          184384        414506        336037        160748        386943

    TOTAL                                  516839        489656        637198        730081       2758117
```

```
*** A05 ***                                                                                *** A05 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                         ********************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                         *********************************

                                                                   RUN DATE:   TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
*****************************                          POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981
AQCR:078 LOUISVILLE

                            PARTICULATES          SOX             NOX              HC              CO
                            ************     ************    ************    ************    ************
                             TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              0               2               0               0               5
            BITUMINOUS COAL             28             106               4              28             125
            DISTILLATE OIL              14             164             102               6              29
            NATURAL GAS                137               9            1096             110             274
            WOOD                       124               3               5              25             891
            TOTAL (RESIDENTIAL)        303             284            1207             169            1324

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           6059          215905           42414             707            2354
            DISTILLATE OIL               0              49              53               2               9
            NATURAL GAS                  0               0             276               0               7
            TOTAL (ELEC GEN)          6059          215954           42743             709            2370

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          1043            6783            1665              51             108
                POINT SOURCES         3658            8350            4548             187             429
            RESIDUAL OIL
                AREA SOURCES             2              30               7               0               0
                POINT SOURCES          217             571             257              26             132
            DISTILLATE OIL
                AREA SOURCES            50             480             584              32              83
                POINT SOURCES           15             525             199               7              43
            NATURAL GAS
                AREA SOURCES            38               2            6498            2506             873
                POINT SOURCES          492               3            1173             334            1025
            PROCESS GAS
                POINT SOURCES            0               0               2               0               0
            WOOD
                POINT SOURCES          170              64             425             107             102
            TOTAL (INDUSTRIAL)
                AREA SOURCES          1133            7295            8754            2589            1064
                POINT SOURCES         4552            9513            6604             661            1731

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES           105             254             109               0               9
            BITUMINOUS COAL
                POINT SOURCES           26             167              64               4               9
```

```
*** A06 ***
            POINT SOURCES               5          71          27           0           2
        DISTILLATE OIL
            AREA SOURCES                4          71          54          14          12
            POINT SOURCES               6         240          63           3          14
        NATURAL GAS
            AREA SOURCES               75           4         892          64         149
            POINT SOURCES              38           2         857          12          67
        TOTAL (COMM-INST)
            AREA SOURCES              190         291        1010          81         172
            POINT SOURCES              49         313         947          15          83

      TOTAL (EXTERNAL COMB)
            AREA SOURCES             1863        4080        8077         356        1140
            POINT SOURCES            7105       20794       17301         305         977

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                 2          16          29           2           7
         NATURAL GAS                    0           0           4           0           1
         TOTAL (ELEC GEN)               2          16          33           2           8

      INDUSTRIAL FUEL

         NATURAL GAS                    0           0         119          49          15
         TOTAL (INDUSTRIAL)             0           0         119          49          15

      TOTAL (INTERNAL COMB)             2          16         152          51          23

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES            1863        4080        8077         356        1140
             POINT SOURCES           7107       20810       17453         356        1000

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING             12           0        2049           0           0
    FOOD/AGRICULTURAL                1227           0           1           0           3
    SECONDARY METALS                  145        6672           2           0       10243
    MINERAL PRODUCTS                  289           0           0           0           0
    ORGANIC SOLVENT EVAPORATION         0           0           0       29683           0
    PETROLEUM STORAGE/TRANSPORT         0           0           0         714           0
    TOTAL (INDUSTRIAL)               1673        6672        2052       30197       10246

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        OPEN BURNING                   96           6          36         180         510
        OTHER INCINERATION             90           9          45           9           0
        TOTAL (GOVERNMENT)            186          15          81         189         510

    RESIDENTIAL (AREA)

        ON SITE INCINERATION          540           8          17        1517        4550
        OPEN BURNING                  966          36         247        1303        4131
        TOTAL (RESIDENTIAL)          1506          44         264        2820        8681

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
            AREA SOURCES               33          10          15          19          45
            POINT SOURCES              78          11          24          78         235
```

```
*** A07 ***                                                                                                    *** A07 ***
    TOTAL (MISCELLANEOUS)                  411741              1             77          68691           2725

GRAND TOTAL
***********

    AREA SOURCES                           466667          19027         115392         160265         607846

    POINT SOURCES                           55520         157817          55555          66606           4295

    TOTAL                                  522187         176844         170947         226871         612141
```

```
*** A08 ***                                                                                                   *** A08 ***
    TOTAL                         59051          78012          36398          47257          204361
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

AQCR EMISSIONS REPORT
AQCR:124 METROPOLITAN TOLEDO

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
ANTHRACITE COAL	1	4	0	0	12
DISTILLATE OIL	31	354	221	12	62
NATURAL GAS	125	7	1002	101	250
WOOD	35	0	1	7	252
TOTAL (RESIDENTIAL)	192	365	1224	120	576
ELEC GENERATION (POINT)					
BITUMINOUS COAL	10777	394794	83886	1309	4332
RESIDUAL OIL	22	277	166	4	7
DISTILLATE OIL	20	542	404	15	57
PROCESS GAS	0	224	662	1	16
OTHER	2	2	5	2	2
TOTAL (ELEC GEN)	10821	395839	85123	1331	4414
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	326	1896	434	13	28
POINT SOURCES	1159	4794	1736	105	216
RESIDUAL OIL					
POINT SOURCES	246	2543	1325	33	90
DISTILLATE OIL					
AREA SOURCES	6	60	73	4	10
POINT SOURCES	1	5	4	1	0
NATURAL GAS					
AREA SOURCES	66	4	4448	1425	565
POINT SOURCES	9	0	99	7	9
PROCESS GAS					
POINT SOURCES	28	2285	31	1	2
LIQUID PETROL GAS					
POINT SOURCES	1	1	1	1	1
TOTAL (INDUSTRIAL)					
AREA SOURCES	398	1960	4955	1442	603
POINT SOURCES	1444	9628	3196	148	318
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	13	30	13	0	1
BITUMINOUS COAL					
POINT SOURCES	393	1757	265	17	34

```
*** A10 ***
      TOTAL  (EXTERNAL COMB)
              AREA SOURCES            1016          2841          2074          206          325
              POINT SOURCES           2176          2826           990          133          278

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                  0             0             1            0            0
         TOTAL  (ELEC GEN)               0             0             1            0            0

      TOTAL  (INTERNAL COMB)             0             0             1            0            0

   TOTAL  (FUEL COMBUSTION)

              AREA SOURCES            1016          2841          2074          206          325
              POINT SOURCES           2176          2826           991          133          278

INDUSTRIAL PROCESS (POINT)
***************************

   FOOD/AGRICULTURAL                   599             0             0            0            0
   SECONDARY METALS                      5             0             0            0          151
   MINERAL PRODUCTS                    103             0             0            0            0
   PETROLEUM STORAGE/TRANSPORT           0             0             0         1085            0
   TOTAL  (INDUSTRIAL)                 707             0             0         1085          151

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION             123             2             4          346         1040
      OPEN BURNING                     105             4            27          142          451
      TOTAL  (RESIDENTIAL)             228             6            31          488         1491

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES               7             2             3            4           10
      TOTAL  (COMM-INST)
              AREA SOURCES               7             2             3            4           10

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               3             1             1            2            3
      TOTAL  (INDUSTRIAL)
              AREA SOURCES               3             1             1            2            3

   TOTAL  (SOLID WASTE DISP)
              AREA SOURCES             238             9            35          494         1504

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          2421            95          2329         3529        31726
         LIGHT DUTY TRUCKS             706            38           884         1243        10041
         HEAVY DUTY VEHICLES           168            15           499          653         8895
         OFF HIGHWAY                    20            11           200          717         7689
         TOTAL  (GASOLINE)            3315           159          3912         6142        58351
```

UNPAVED AIRSTRIPS	6	0	0	0	0
TOTAL (MISCELLANEOUS)	33573	1	77	18538	2718

GRAND TOTAL
****

AREA SOURCES	50395	5924	28980	49322	231962
POINT SOURCES	14597	35001	7827	24774	842
TOTAL	64992	40925	36807	74096	232804

*** A12 ***

```
*** 801 ***                                                                                         *** 801 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

AQCR EMISSIONS REPORT                                                  RUN DATE:  TUESDAY    JANUARY 26, 1982
*****************************                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:049 JACKSONVILLE-BRUNSWICK                            POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES        SOX            NOX             HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  25            294            182              8             47
         NATURAL GAS                     54              1            436             40            115
         WOOD                           795             11             30            162           5697
         TOTAL (RESIDENTIAL)            874            306            648            210           5859

      ELEC GENERATION (POINT)

         RESIDUAL OIL                  3209          79353          27951            294            870
         NATURAL GAS                    121             16           6277              8            159
         OTHER                          268            154           1134            210            202
         TOTAL (ELEC GEN)              3598          79523          35362            512           1231

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                402           2322            610             16             40
         RESIDUAL OIL
            POINT SOURCES              2738          55182           9846            168            810
         DISTILLATE OIL
            AREA SOURCES                 51            536            653             34             91
            POINT SOURCES                43            809            319             15             75
         NATURAL GAS
            AREA SOURCES                 32              1           2794            936            359
            POINT SOURCES                61              3           2477             12             96
         PROCESS GAS
            POINT SOURCES                 8              0              0              1              0
         WOOD
            POINT SOURCES              4172           3640          14596           2918           2989
         TOTAL (INDUSTRIAL)
            AREA SOURCES                485           2859           4057            986            490
            POINT SOURCES              7022          59634          27238           3114           3970

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                  2              4              1              0              0
         RESIDUAL OIL
            AREA SOURCES                 85           1082            291              4             22
            POINT SOURCES               322           3821            937             16             78
         DISTILLATE OIL
            AREA SOURCES                 11            188            141              5             33
            POINT SOURCES               103           1133            570             26            126
         NATURAL GAS
```

LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	7564	332	7735	10393	88227
LIGHT DUTY TRUCKS	1497	102	2244	2666	19339
HEAVY DUTY VEHICLES	438	41	1376	1603	22063
OFF HIGHWAY	31	16	308	1116	11963
TOTAL (GASOLINE)	9530	491	11663	15778	141592
DIESEL					
HEAVY DUTY VEHICLES	1483	679	6301	812	2384
OFF HIGHWAY	247	207	2492	367	738
RAIL	54	124	800	202	281
TOTAL (DIESEL)	1784	1010	9593	1381	3403
AIRCRAFT					
MILITARY	364	35	219	647	1166
CIVIL	1	0	1	19	952
COMMERCIAL	4	9	79	89	198
TOTAL (AIRCRAFT)	369	44	299	755	2316
VESSELS					
DIESEL FUEL	100	126	937	246	329
RESIDUAL OIL	142	1869	306	22	10
GASOLINE	0	27	101	4080	12817
TOTAL (VESSELS)	242	2022	1344	4348	13156
TOTAL (TRANSPORTATION)	11925	3567	22899	22262	160467
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	979	11	230	1382	8066
FOREST MANAGED BURNING	6530	50	1306	5877	36563
AGRICULTURAL BURNING	527	0	72	621	3457
STRUCTURAL FIRES	114	0	13	85	460
GASOLINE STA EVAP LOSS	0	0	0	2625	0
SOLVENT EVAPORATION LOSS	0	0	0	12573	0
UNPAVED ROADS	36503	0	0	0	0
TOTAL (MISCELLANEOUS)	44653	61	1621	23163	48546
GRAND TOTAL ***********					
AREA SOURCES	57967	3893	25760	46815	216765
POINT SOURCES	9295	67519	39232	5504	35874
TOTAL	67262	71412	64992	52319	252639

```
*** B04 ***                                                                                   *** B04 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

AQCR EMISSIONS REPORT                                         RUN DATE:    TUESDAY    JANUARY 26, 1982
*********************                              AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
AQCR:072 PADUCAH-CAIRO                            POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981

                              PARTICULATES        SOX           NOX            HC            CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL              119            362             15            119            529
         DISTILLATE OIL                 2             60             39              0             11
         NATURAL GAS                   61              1            487             48            124
         WOOD                         349              7             13             71           2502
         TOTAL (RESIDENTIAL)          531            430            554            238           3166

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            20817         709759         196060           1867           6223
         TOTAL (ELEC GEN)           20817         709759         196060           1867           6223

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             313           1973            565             16             36
             POINT SOURCES           2404          10500           1864            101            236
         RESIDUAL OIL
             POINT SOURCES             53            698            326              7             27
         DISTILLATE OIL
             AREA SOURCES              19            198            241             12             34
             POINT SOURCES             30            177            222              8             34
         NATURAL GAS
             AREA SOURCES               8              0           1981            779            270
             POINT SOURCES             58              4           3777              6             98
         PROCESS GAS
             POINT SOURCES              1              0             51              0              3
         LIQUID PETROL GAS
             POINT SOURCES              0              0              2              0              0
         OTHER
             POINT SOURCES              3              0             27              0              2
         TOTAL (INDUSTRIAL)
             AREA SOURCES             340           2171           2787            807            340
             POINT SOURCES           2549          11379           6269            122            400

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES              36             90             38              0              3
         BITUMINOUS COAL
             POINT SOURCES            159            284             34              3              7
         RESIDUAL OIL
             AREA SOURCES               4             42             10              0              0
```

RESIDUAL OIL					
AREA SOURCES	18	252	64	1	5
POINT SOURCES	0	13	6	0	0
DISTILLATE OIL					
AREA SOURCES	25	365	279	13	64
POINT SOURCES	4	114	53	2	12
NATURAL GAS					
AREA SOURCES	9	0	103	7	17
POINT SOURCES	148	9	1874	116	297
WOOD					
POINT SOURCES	5	2	49	50	49
OTHER					
POINT SOURCES	5	0	46	4	9
TOTAL (COMM-INST)					
AREA SOURCES	157	871	555	21	95
POINT SOURCES	188	305	2092	176	376
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1593	8450	10516	2779	2483
POINT SOURCES	10799	225772	51439	1546	4477
INTERNAL COMBUSTION (POINT)					
INDUSTRIAL FUEL					
NATURAL GAS	2	0	1098	432	154
TOTAL (INDUSTRIAL)	2	0	1098	432	154
TOTAL (INTERNAL COMB)	2	0	1098	432	154
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1593	8450	10516	2779	2483
POINT SOURCES	10801	225772	52537	1978	4631
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	464	40	68	10859	1
FOOD/AGRICULTURAL	473	0	0	5743	0
SECONDARY METALS	664	118	23	2458	1414
MINERAL PRODUCTS	1651	400	2504	819	81
PETROLEUM INDUSTRY	106	1816	282	206	242
WOOD PRODUCTS	169	0	0	206	0
ORGANIC SOLVENT EVAPORATION	391	0	19	18351	0
PETROLEUM STORAGE/TRANSPORT	1	0	0	1274	0
METAL FABRICATION	92	0	15	66	2
OTHER/NOT CLASSIFIED	52	216	83	13	102
TOTAL (INDUSTRIAL)	4063	2590	2994	39995	1842
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	477	600	300	150	452
OPEN BURNING	2	0	1	3	8
TOTAL (GOVERNMENT)	479	600	301	153	460
RESIDENTIAL (AREA)					
ON SITE INCINERATION	144	3	4	405	1214
OPEN BURNING	1742	65	446	2349	7452
TOTAL (RESIDENTIAL)	1886	68	450	2754	8666
COMMERCIAL-INSTITUTIONAL					

```
*** B06 ***                                                                                        *** B06 ***
        TOTAL (COMM-INST)
                AREA SOURCES                 33           10           15           19           45
                POINT SOURCES                78           11           24           78          235

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                 16            3            3           15           22
                POINT SOURCES                12            6           23            8           14
        TOTAL (INDUSTRIAL)
                AREA SOURCES                 16            3            3           15           22
                POINT SOURCES                12            6           23            8           14

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES               1555           57          282         2854         8748
                POINT SOURCES               276           32          128          275          759

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           10077          332         8170        13468       124495
            LIGHT DUTY TRUCKS              2009           94         2181         3264        26745
            HEAVY DUTY VEHICLES             412           29          955         1490        20262
            OFF HIGHWAY                      34           18          333         1197        12836
            TOTAL (GASOLINE)              12532          473        11639        19419       184338

        DIESEL

            HEAVY DUTY VEHICLES            2494          945         9245         1446         4099
            OFF HIGHWAY                     185          156         1873          276          555
            RAIL                            402          917         5949         1511         2090
            TOTAL (DIESEL)                 3081         2018        17067         3233         6744

    AIRCRAFT

        MILITARY                            194           18          117          346          622
        CIVIL                                 1            0            1           20          922
        COMMERCIAL                           14           31          285          319          711
        TOTAL (AIRCRAFT)                    209           49          403          685         2255

    VESSELS

        DIESEL FUEL                           0            0            4            2            2
        GASOLINE                              0            1            5          217          683
        TOTAL (VESSELS)                       0            1            9          219          685

    TOTAL (TRANSPORTATION)                15822         2541        29118        23556       194022

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                         15            0            3           22          124
    STRUCTURAL FIRES                        154            0           18          116          628
    GASOLINE STA EVAP LOSS                    0            0            0         2440            0
    SOLVENT EVAPORATION LOSS                  0            0            0        12275            0
    UNPAVED ROADS                         55923            0            0            0            0
    TOTAL (MISCELLANEOUS)                 56092            0           21        14853          752

GRAND TOTAL
***********

    AREA SOURCES                          75332         6678        37498        41619       204662
```

RESIDUAL OIL					
AREA SOURCES	21	145	78	1	6
POINT SOURCES	15	207	184	9	15
DISTILLATE OIL					
AREA SOURCES	8	104	81	4	19
NATURAL GAS					
AREA SOURCES	52	2	626	42	105
POINT SOURCES	1	0	18	2	2
TOTAL (COMM-INST)					
AREA SOURCES	94	281	798	47	131
POINT SOURCES	409	1964	467	28	51
TOTAL (EXTERNAL COMB)					
AREA SOURCES	684	2606	6977	1609	1310
POINT SOURCES	12674	407431	88786	1507	4783
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	23	80	316	0	0
TOTAL (ELEC GEN)	23	80	316	0	0
TOTAL (INTERNAL COMB)	23	80	316	0	0
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	684	2606	6977	1609	1310
POINT SOURCES	12697	407511	89102	1507	4783
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	27	5111	0	781	8602
FOOD/AGRICULTURAL	3888	0	2	0	0
PRIMARY METAL	1235	390	7	872	1808
SECONDARY METALS	24	0	2	0	140
MINERAL PRODUCTS	3008	11027	3396	6	14
PETROLEUM INDUSTRY	649	11084	4501	2316	219
WOOD PRODUCTS	28	0	0	0	0
ORGANIC SOLVENT EVAPORATION	2	0	0	5121	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	3165	0
METAL FABRICATION	2	0	0	0	0
TEXTILE MANUFACTURING	6	0	0	1577	0
TOTAL (INDUSTRIAL)	8869	27612	7908	13838	10783
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	548	8	17	1540	4622
OPEN BURNING	806	30	206	1088	3450
TOTAL (RESIDENTIAL)	1354	38	223	2628	8072
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	125	39	59	73	171
OPEN BURNING					
AREA SOURCES	4	0	1	9	21
TOTAL (COMM-INST)					
AREA SOURCES	129	39	60	82	192
INDUSTRIAL					

```
    DIESEL

        HEAVY DUTY VEHICLES          923        408       4262        588       1600
        OFF HIGHWAY                  119        100       1201        177        355
        RAIL                          65        148        960        244        337
        TOTAL (DIESEL)              1107        656       6423       1009       2292

    AIRCRAFT

      MILITARY                        40          4         24         72        129
      CIVIL                            0          0          1         11        491
      COMMERCIAL                       4          8         73         81        182
      TOTAL (AIRCRAFT)                44         12         98        164        802

    VESSELS

      GASOLINE                         0          0          1         24         79
      TOTAL (VESSELS)                  0          0          1         24         79

    TOTAL (TRANSPORTATION)          4466        827      10434       7339      61524

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                  34          0          5         26        140
    GASOLINE STA EVAP LOSS             0          0          0        717          0
    SOLVENT EVAPORATION LOSS           0          0          0       2690          0
    UNPAVED ROADS                  87638          0          0          0          0
    TOTAL (MISCELLANEOUS)          87672          0          5       3433        140

GRAND TOTAL
***********

    AREA SOURCES                   93392       3677      12548      11472      63493

    POINT SOURCES                   2883       2826        991       1218        429

    TOTAL                          96275       6503      13539      12690      63922
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
*****************************                                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:181 STEUBENVILLE-WEIRTON-WHEELING

                              PARTICULATES        SOX             NOX              HC              CO
                              ************   ************    ************    ************    ************
                               TONS / YR      TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                9             25               3               3              83
         BITUMINOUS COAL               27            101               5              27             121
         DISTILLATE OIL                24            273             171               9              48
         NATURAL GAS                   69              4             548              55             139
         WOOD                          75              0               3              16             531
         TOTAL (RESIDENTIAL)          204            403             730             110             922

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           115879         718994          148127            1856            6196
         RESIDUAL OIL                  15            123             190               8              13
         DISTILLATE OIL                 0             45              77               3              13
         TOTAL (ELEC GEN)          115894         719162          148394            1867            6222

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES             114            664             152               4              11
             POINT SOURCES          24357          55451           18632             322             965
         RESIDUAL OIL
             POINT SOURCES            580           4671           46084             285            1433
         DISTILLATE OIL
             AREA SOURCES              17            169             206              11              29
             POINT SOURCES             64            250             275              18              32
         NATURAL GAS
             AREA SOURCES              60              3            4413            1399             547
             POINT SOURCES             25             17             205              26              31
         PROCESS GAS
             POINT SOURCES           1117           3524           19120              95             542
         WOOD
             POINT SOURCES              1              0               1               0               0
         TOTAL (INDUSTRIAL)
             AREA SOURCES             191            836            4771            1414             587
             POINT SOURCES          26144          63913           84317             746            3003

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES              12             32              13               0               0
         RESIDUAL OIL
             AREA SOURCES               8             46              25               0               3
         DISTILLATE OIL
```

```
                                                                                                   *** C01 ***
*** C01 ***
                   AREA SOURCES                    7            0           113           6           18
                   POINT SOURCES                  95            5          1707          31          164
              TOTAL (COMM-INST)
                   AREA SOURCES                  105         1274           546          15           73
                   POINT SOURCES                 520         4959          3214          73          368

           TOTAL (EXTERNAL COMB)
                   AREA SOURCES                 1464         4439          5251        1211         6422
                   POINT SOURCES               11140       144116         65814        3699         5569

        INTERNAL COMBUSTION (POINT)

           ELECTRIC GENERATION

              DISTILLATE OIL                     986        10218           856          70          469
              NATURAL GAS                         23            3           425         160           61
              TOTAL (ELEC GEN)                  1009        10221          1281         230          530

           TOTAL (INTERNAL COMB)                1009        10221          1281         230          530

        TOTAL (FUEL COMBUSTION)

                   AREA SOURCES                 1464         4439          5251        1211         6422
                   POINT SOURCES               12149       154337         67095        3929         6099

INDUSTRIAL PROCESS (POINT)
**************************

        CHEMICAL MANUFACTURING                  2269         1573             0        3144           76
        FOOD/AGRICULTURAL                         64         1176             0           0           36
        PRIMARY METAL                             12          229             0           0            8
        SECONDARY METALS                        1963          278            15           0            7
        MINERAL PRODUCTS                        2341         1657             0          77           56
        WOOD PRODUCTS                           4680        14452          4012          55       119384
        ORGANIC SOLVENT EVAPORATION                0            0             0       11414            0
        PETROLEUM STORAGE/TRANSPORT                0            0             0        7787            0
        OTHER/NOT CLASSIFIED                       5        11291             0           0            4
        TOTAL (INDUSTRIAL)                     11334        30656          4027       22477       119571

SOLID WASTE DISPOSAL
********************

        GOVERNMENT (POINT)

           OTHER INCINERATION                     51           39           198          39            0
           TOTAL (GOVERNMENT)                     51           39           198          39            0

        RESIDENTIAL (AREA)

           ON SITE INCINERATION                   43            0             0         126          380
           OPEN BURNING                         4125          156          1057        5567        17654
           TOTAL (RESIDENTIAL)                  4168          156          1057        5693        18034

        COMMERCIAL-INSTITUTIONAL

           ON SITE INCINERATION
                   AREA SOURCES                    7            1             4           5           13
                   POINT SOURCES                   5          806             6          16           28
           OPEN BURNING
                   AREA SOURCES                    1            0             0           2            4
           TOTAL (COMM-INST)
                   AREA SOURCES                    8            1             4           7           17
                   POINT SOURCES                   5          806             6          16           28

        INDUSTRIAL
```

*** CO2 ***

*** CO2 ***

```
*** C03 ***                                                                                              *** C03 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*************************                                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:068 METROPOLITAN DUBUQUE

                              PARTICULATES         SOX              NOX              HC               CO
                              ************    ************     ************     ************     ************
                               TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL               6               25                0                6               29
         DISTILLATE OIL               34              390              243               14               68
         NATURAL GAS                  28                1              225               23               57
         WOOD                         67                0                3               14              477
         TOTAL (RESIDENTIAL)         135              416              471               57              631

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           10249            69573            19614              157              521
         DISTILLATE OIL                0                7               10                0                0
         NATURAL GAS                   6                0              517                1               13
         TOTAL (ELEC GEN)          10255            69580            20141              158              534

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             110              698              183                6               12
            POINT SOURCES            414             1604              416               39               51
         RESIDUAL OIL
            AREA SOURCES               4               68               18                0                1
         DISTILLATE OIL
            AREA SOURCES               1                9               12                0                1
            POINT SOURCES              4               29               13                1                3
         NATURAL GAS
            AREA SOURCES               3                0              535              197               71
            POINT SOURCES              4                0              599                6              267
         PROCESS GAS
            POINT SOURCES              0                0                0               84                0
         LIQUID PETROL GAS
            POINT SOURCES              2                0                2                0                0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             118              775              748              203               85
            POINT SOURCES            424             1633             1030              130              321

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              13               33               14                0                1
         BITUMINOUS COAL
            AREA SOURCES              41              131               26                2                6
            POINT SOURCES            121              111               28                2                4
         RESIDUAL OIL
```

```
*** CO4 ***                                                                                                   *** CO4 ***
          DISTILLATE OIL
              AREA SOURCES                    6          102           78            2           17
              POINT SOURCES                   1           22           12            0            2
          NATURAL GAS
              AREA SOURCES                    2            0           27            0            4
              POINT SOURCES                   1            0            6            1            1
          WOOD
              POINT SOURCES                   3            1            6            1            1
          TOTAL (COMM-INST)
              AREA SOURCES                   48          234          153            2           24
              POINT SOURCES                 164          307           58            5           11

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                  919         2835         3494         1047         3530
              POINT SOURCES               23530       721445       202387         1994         6634

    INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

          NATURAL GAS                         3            0         1340          551          168
          TOTAL (INDUSTRIAL)                  3            0         1340          551          168

      TOTAL (INTERNAL COMB)                   3            0         1340          551          168

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES                  919         2835         3494         1047         3530
              POINT SOURCES               23533       721445       203727         2545         6802

INDUSTRIAL PROCESS (POINT)
***************************

    CHEMICAL MANUFACTURING                10339           18            3        13811        12172
    FOOD/AGRICULTURAL                      1473            0            0            3            0
    PRIMARY METAL                          1122            0            0            0           38
    SECONDARY METALS                        411            2            6            9            0
    MINERAL PRODUCTS                      19948        11271         4017           42          573
    WOOD PRODUCTS                           706          276          111            0         6788
    ORGANIC SOLVENT EVAPORATION               9            0            1         5638            0
    PETROLEUM STORAGE/TRANSPORT               3            0            0         1868            1
    METAL FABRICATION                        13            2            1            0            0
    OTHER/NOT CLASSIFIED                     42            5            3          917            0
    TOTAL (INDUSTRIAL)                    34066        11574         4142        22288        19572

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION                 78            0            2          226          688
        OPEN BURNING                        973           37          248         1315         4166
        TOTAL (RESIDENTIAL)                1051           37          250         1541         4854

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                   12            2            6            8           18
              POINT SOURCES                  14            3           18           59          699
        TOTAL (COMM-INST)
              AREA SOURCES                   12            2            6            8           18
              POINT SOURCES                  14            3           18           59          699

    INDUSTRIAL

        ON SITE INCINERATION
```

```
*** CO5 ***                                                                                        *** CO5 ***
        ON SITE INCINERATION
              AREA SOURCES           60          19          29          35          82
              POINT SOURCES          17          21          26          26          84
        OPEN BURNING
              AREA SOURCES            2           0           1           5          13
        TOTAL (COMM-INST)
              AREA SOURCES           62          19          30          40          95
              POINT SOURCES          17          21          26          26          84

    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES          124          25          25         111         165
              POINT SOURCES          14           7          19           9          31
        OPEN BURNING
              AREA SOURCES           49           2          17          86         299
              POINT SOURCES           5           1           2          10          28
        TOTAL (INDUSTRIAL)
              AREA SOURCES          173          27          42         197         464
              POINT SOURCES          19           8          21          19          59

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES         2121         114         522        2991        9225
              POINT SOURCES         515         629         348         198         603

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES    18018         559       13449       22837      212208
           LIGHT DUTY TRUCKS       2933         128        2867        4439       36596
           HEAVY DUTY VEHICLES     1078          75        2325        3683       50529
           OFF HIGHWAY               46          24         458        1648       17677
           TOTAL (GASOLINE)       22075         786       19099       32607      317010

        DIESEL

           HEAVY DUTY VEHICLES     3198        1251       12013        1829        5267
           OFF HIGHWAY              230         193        2325         342         688
           RAIL                     282         641        4163        1057        1462
           TOTAL (DIESEL)          3710        2085       18501        3228        7417

    AIRCRAFT

        MILITARY                     31           3          19          56         100
        CIVIL                         1           1           2          29        1335
        COMMERCIAL                   20          43         404         452        1009
        TOTAL (AIRCRAFT)             52          47         425         537        2444

    VESSELS

        DIESEL FUEL                  58          72         541         142         189
        GASOLINE                      0           1           3         138         434
        TOTAL (VESSELS)              58          73         544         280         623

    TOTAL (TRANSPORTATION)        25895        2991       38569       36652      327494

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                  5           0           1           7          42
    STRUCTURAL FIRES                237           1          29         177         962
```

```
*** C06 ***
   POINT SOURCES                 9056        27514        19633        30828        12005
   TOTAL                        84388        34192        57131        72447       216667
```

```
*** C07 ***                                                                                              *** C07 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                             RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*************************                                        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON

                              PARTICULATES        SOX          NOX           HC            CO
                              ************   ************  ************  ************  ************
                               TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL               5            12             0             0            42
         BITUMINOUS COAL             121           322            18           121           530
         DISTILLATE OIL               22           258           162             8            42
         NATURAL GAS                  98             4           796            79           200
         WOOD                        445             7            18            91          3186
         TOTAL (RESIDENTIAL)         691           603           994           299          4000

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           51726        705265        226230          3056         12010
         DISTILLATE OIL             1184           151         22591            26          1892
         TOTAL (ELEC GEN)          52910        705416        248821          3082         13902

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             336          2166           577            15            37
            POINT SOURCES          11336         22855          3782            92           252
         RESIDUAL OIL
            POINT SOURCES            103          1397           905            12            46
         DISTILLATE OIL
            AREA SOURCES              40           393           477            23            67
            POINT SOURCES             47          1768           511            22            99
         NATURAL GAS
            AREA SOURCES              60             2          6848          2430           885
            POINT SOURCES             52            11          1495            31            80
         PROCESS GAS
            POINT SOURCES            115          5251           179             8            13
         COKE
            POINT SOURCES           1281          1283           557             0            56
         LIQUID PETROL GAS
            POINT SOURCES              1             0            10             0             1
         OTHER
            POINT SOURCES              5            33            12             0             1
         TOTAL (INDUSTRIAL)
            AREA SOURCES             436          2561          7902          2468           989
            POINT SOURCES          12940         32598          7451           165           548

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES              26            69            28             0             1
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                          RUN DATE:  TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
*****************************                                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:113 CUMBERLAND-KEYSER

                              PARTICULATES         SOX             NOX              HC              CO
                              ************    ************    ************    ************    ************
                               TONS / YR       TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL              23              59               6               6             201
         BITUMINOUS COAL              41             155               7              41             184
         DISTILLATE OIL               31             357             224              12              62
         NATURAL GAS                  16               1             129              13              32
         WOOD                         78               1               4              16             558
         TOTAL (RESIDENTIAL)         189             573             370              88            1037

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             958            8075            2158              36             120
         DISTILLATE OIL                0               4               4               0               1
         TOTAL (ELEC GEN)            958            8079            2162              36             121

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES           1600           17754            5712              66             201
         RESIDUAL OIL
            POINT SOURCES             98            1485             701              12              59
         DISTILLATE OIL
            AREA SOURCES               8              79              97               5              14
         NATURAL GAS
            AREA SOURCES               9               0             419             116              51
            POINT SOURCES             18               1            1278               2              31
         TOTAL (INDUSTRIAL)
            AREA SOURCES              17              79             516             121              65
            POINT SOURCES           1716           19240            7691              80             291

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES               1               2               1               0               0
         BITUMINOUS COAL
            AREA SOURCES              76             172              34               3               7
            POINT SOURCES             78             247              98               7              13
         DISTILLATE OIL
            AREA SOURCES               5              72              55               2              13
            POINT SOURCES              3              22               4               1               2
         NATURAL GAS
            AREA SOURCES               6               0              70               4              12
         TOTAL (COMM-INST)
            AREA SOURCES              88             246             160               9              32
```

```
*** C09 ***
     ON SITE INCINERATION
              AREA SOURCES          89        19        19        79       118
     OPEN BURNING
              AREA SOURCES          47         2        16        81       284
     TOTAL (INDUSTRIAL)
              AREA SOURCES         136        21        35       160       402

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES        1619        98       318      2870      8666

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES      14079       492     11613     17375    161357
        LIGHT DUTY TRUCKS         2245       119      2669      3511     27988
        HEAVY DUTY VEHICLES        691        53      1746      2493     34069
        OFF HIGHWAY                 47        24       460      1658     17783
        TOTAL (GASOLINE)         17062       688     16488     25037    241197

     DIESEL

        HEAVY DUTY VEHICLES       2351       948      9291      1375      3901
        OFF HIGHWAY                291       244      2945       432       871
        RAIL                        64       146       948       241       333
        TOTAL (DIESEL)            2706      1338     13184      2048      5105

   AIRCRAFT

     MILITARY                       17         2        10        30        54
     CIVIL                           0         0         1        23      1025
     COMMERCIAL                      6        13       117       131       291
     TOTAL (AIRCRAFT)               23        15       128       184      1370

   VESSELS

     DIESEL FUEL                     3         4        30         8        11
     RESIDUAL OIL                   21       269        44         3         1
     GASOLINE                        0         4        14       593      1859
     TOTAL (VESSELS)                24       277        88       604      1871

   TOTAL (TRANSPORTATION)        19815      2318     29888     27873    249543

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                 13         0         3        19       109
   STRUCTURAL FIRES                198         0        23       148       806
   GASOLINE STA EVAP LOSS            0         0         0      3190         0
   SOLVENT EVAPORATION LOSS          0         0         0     31825         0
   UNPAVED ROADS                 12059         0         0         0         0
   TOTAL (MISCELLANEOUS)         12270         0        26     35182       915

GRAND TOTAL
***********

   AREA SOURCES                  34388      5022     37209     67534    260434

   POINT SOURCES                 21566    435123     97010     15345     15566

   TOTAL                         55954    440145    134219     82879    276000
```

*** C10 ***

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                      RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                     AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*************************                                POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:167 METROPOLITAN CHARLOTTE

                              PARTICULATES       SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL              118           1367            854             47            236
         NATURAL GAS                  56              3            458             48            114
         WOOD                        807             16             34            164           5787
         TOTAL (RESIDENTIAL)         981           1386           1346            259           6137

      ELEC GENERATION (POINT)

         BITUMINOUS COAL           28624          63770          30616            510           1701
         DISTILLATE OIL                0              8              9              0              1
         NATURAL GAS                   1              0             83              0              2
         TOTAL (ELEC GEN)          28625          63778          30708            510           1704

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             814           2208           1292             40             86
            POINT SOURCES           3681          13076           6166            157            435
         RESIDUAL OIL
            POINT SOURCES           1022          17296           3289             53            271
         DISTILLATE OIL
            AREA SOURCES              17            166            201             10             29
            POINT SOURCES              2            117             42              3              9
         NATURAL GAS
            AREA SOURCES              62              2           2556            629            305
            POINT SOURCES             37              1           1881             10             72
         PROCESS GAS
            POINT SOURCES              0              1              0              0              0
         WOOD
            AREA SOURCES              15              2             23              5              6
            POINT SOURCES           1122            190           1260            253            253
         LIQUID PETROL GAS
            POINT SOURCES              0              1              4              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             908           2378           4072            684            426
            POINT SOURCES           5864          30682          12642            476           1040

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            POINT SOURCES             53             50             19              1              2
         RESIDUAL OIL
            AREA SOURCES               1             41              8              0              0
            POINT SOURCES              7             78             15              0              1
```

```
*** C12 ***
                    AREA SOURCES                 6           74           56            1           12
               NATURAL GAS
                    AREA SOURCES                26            0          315           21           54
               TOTAL (COMM-INST)
                    AREA SOURCES                52          152          409           22           69

          TOTAL (EXTERNAL COMB)
                    AREA SOURCES               447         1391         5910         1546         1578
                    POINT SOURCES           142038       783075       232711         2613         9225

      TOTAL (FUEL COMBUSTION)

                    AREA SOURCES               447         1391         5910         1546         1578
                    POINT SOURCES           142038       783075       232711         2613         9225

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING                   362        14282            4          672         8752
      PRIMARY METAL                          15043        21133         9712         5661       120670
      SECONDARY METALS                         782            0            4            0         6904
      MINERAL PRODUCTS                        2059          585          209          160           81
      PETROLEUM INDUSTRY                        60          694          240            9           14
      WOOD PRODUCTS                              5            0            0            0            0
      ORGANIC SOLVENT EVAPORATION               12            0            0           14            0
      TOTAL (INDUSTRIAL)                     18323        36694        10169         6516       136421

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

           ON SITE INCINERATION                255            3            7          716         2148
           OPEN BURNING                        616           22          158          832         2636
           TOTAL (RESIDENTIAL)                 871           25          165         1548         4784

      COMMERCIAL-INSTITUTIONAL

           ON SITE INCINERATION
                    AREA SOURCES                57           19           28           34           80
           OPEN BURNING
                    AREA SOURCES                 3            0            0            6           12
           TOTAL (COMM-INST)
                    AREA SOURCES                60           19           28           40           92

      INDUSTRIAL

           ON SITE INCINERATION
                    AREA SOURCES                28            5            5           25           37
                    POINT SOURCES               58           32           39           22          403
           OPEN BURNING
                    AREA SOURCES                16            0            5           27           95
           TOTAL (INDUSTRIAL)
                    AREA SOURCES                44            5           10           52          132
                    POINT SOURCES               58           32           39           22          403

      TOTAL (SOLID WASTE DISP)
                    AREA SOURCES               975           49          203         1640         5008
                    POINT SOURCES               58           32           39           22          403

TRANSPORTATION (AREA)
*********************

      LAND VEHICLES         -

-          GASOLINE
```

```
*** D01 ***                                                                    *** D01 ***
      ON SITE INCINERATION
              AREA SOURCES              11           1           1          10          16
              POINT SOURCES             29         148          72         484         646
      OPEN BURNING
              AREA SOURCES              47           2          14          79         285
      TOTAL (INDUSTRIAL)
              AREA SOURCES              58           3          15          89         301
              POINT SOURCES             29         148          72         484         646

    TOTAL (SOLID WASTE DISP)
              AREA SOURCES            4234         160        1076        5789       18352
              POINT SOURCES             85         993         276         539         674

TRANSPORTATION (AREA)
**********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         30609        1219       27768       39577      339875
         LIGHT DUTY TRUCKS            6889         416        9007       11323       83752
         HEAVY DUTY VEHICLES          1927         163        5148        6646       92468
         OFF HIGHWAY                   104          55        1034        3722       39889
         TOTAL (GASOLINE)            39529        1853       42957       61268      555984

      DIESEL

         HEAVY DUTY VEHICLES          5023        2148       19728        2777        8321
         OFF HIGHWAY                   414         347        4196         619        1243
         RAIL                          123         274        1774         450         624
         TOTAL (DIESEL)               5560        2769       25698        3846       10188

   AIRCRAFT

      MILITARY                         854          79         514        1518        2733
      CIVIL                              2           0           4          67        3244
      COMMERCIAL                        18          40         381         426         949
      TOTAL (AIRCRAFT)                 874         119         899        2011        6926

   VESSELS

      DIESEL FUEL                      413         517        3855        1012        1349
      RESIDUAL OIL                     595        7840        1289          89          43
      GASOLINE                           0          55         212        8760       27531
      TOTAL (VESSELS)                 1008        8412        5356        9861       28923

   TOTAL (TRANSPORTATION)            46971       13153       74910       76986      602021

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   1510          10         355        2133       12447
   FOREST MANAGED BURNING            17048         129        3408       15338       95455
   AGRICULTURAL BURNING                783           0         109         927        5148
   STRUCTURAL FIRES                    377           0          40         281        1528
   GASOLINE STA EVAP LOSS                0           0           0        9298           0
   SOLVENT EVAPORATION LOSS              0           0           0       38701           0
   UNPAVED ROADS                    133169           0           0           0           0
   UNPAVED AIRSTRIPS                     5           0           0           0           0
   TOTAL (MISCELLANEOUS)            152892         139        3912       66678      114578

GRAND TOTAL
***********

   AREA SOURCES                     205561       17891       85149      150664      741373
```

```
                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************

                                                                    RUN DATE:   TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
*****************************                          POINT EMISSIONS AS OF:   THURSDAY       MAY 28, 1981
AQCR:062 EASTERN WASHINGTON-NORTHERN IDAHO

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

     RESIDENTIAL FUEL (AREA)

        BITUMINOUS COAL              148            163             21            148            660
        DISTILLATE OIL                40            332            278             14             76
        NATURAL GAS                   37              1            300             31             77
        WOOD                         820             16             33            164           5904
        TOTAL (RESIDENTIAL)         1045            512            632            357           6717

     ELEC GENERATION (POINT)

        RESIDUAL OIL                  23             42             46              0              2
        NATURAL GAS                   15              0            735              1             17
        TOTAL (ELEC GEN)              38             42            781              1             19

     INDUSTRIAL FUEL

        BITUMINOUS COAL
           AREA SOURCES              241            557            325              9             19
           POINT SOURCES             516            411            541              5             18
        RESIDUAL OIL
           AREA SOURCES               38             64            133              2             11
           POINT SOURCES              24            324              0              2              9
        DISTILLATE OIL
           AREA SOURCES               16            180            204             10             29
           POINT SOURCES               0              8              4              0              1
        NATURAL GAS
           AREA SOURCES               30              1           1671            491            207
           POINT SOURCES               1              0            947              1              4
        WOOD
           POINT SOURCES            2999           1094           7447           1498           1489
        TOTAL (INDUSTRIAL)
           AREA SOURCES              325            802           2333            512            266
           POINT SOURCES            3540           1837           8939           1506           1521

     COMM-INSTITUTIONAL FUEL

        BITUMINOUS COAL
           AREA SOURCES               25             15             11              1              2
        RESIDUAL OIL
           AREA SOURCES               45            225            160              2             11
           POINT SOURCES               1              3              2              0              0
        DISTILLATE OIL
           AREA SOURCES                8            110             92              2             20
        NATURAL GAS
           AREA SOURCES               20              1            269             17             46
```

```
                                                                                         *** D03 ***
*** D03 ***
              AREA SOURCES                10          127          33          0          2
          DISTILLATE OIL
              AREA SOURCES                 3           57          44          1         10
              POINT SOURCES                0            6           3          0          1
          NATURAL GAS
              AREA SOURCES                15            1         189         13         31
              POINT SOURCES                0            0          11          0          1
          TOTAL (COMM-INST)
              AREA SOURCES                82          349         306         16         50
              POINT SOURCES              121          117          42          2          6

       TOTAL (EXTERNAL COMB)
              AREA SOURCES               335         1540        1525        276        766
              POINT SOURCES            10800        71330       21213        290        861

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                   0            4           8          0          2
          NATURAL GAS                      0            0           1          0          0
          OTHER                            1            1           8          1          2
          TOTAL (ELEC GEN)                 1            5          17          1          4

       INDUSTRIAL FUEL

          GASOLINE                         0            0           1          2         40
          TOTAL (INDUSTRIAL)               0            0           1          2         40

       TOTAL (INTERNAL COMB)               1            5          18          3         44

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES               335         1540        1525        276        766
              POINT SOURCES            10801        71335       21231        293        905

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               270         1524           0          0          0
    FOOD/AGRICULTURAL                   2044            0           0          2         15
    SECONDARY METALS                     139            0           3          0       4933
    MINERAL PRODUCTS                     132            0           0          0          0
    ORGANIC SOLVENT EVAPORATION            0            0           1        450          0
    TOTAL (INDUSTRIAL)                  2585         1524           4        452       4948

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             183            1           7        516       1547
        OPEN BURNING                     403           15         103        543       1725
        TOTAL (RESIDENTIAL)              586           16         110       1059       3272

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES                57           17          27         32         75
        TOTAL (COMM-INST)
              AREA SOURCES                57           17          27         32         75

    INDUSTRIAL

        ON SITE INCINERATION
              AREA SOURCES                26            6           6         23         34
```

```
*** D04 ***                                                                                        *** D04 ***
              AREA SOURCES              26           5            5           21           33
              POINT SOURCES             49          67           66           50          597
      OPEN BURNING
              AREA SOURCES               8           0            2           12           50
      TOTAL (INDUSTRIAL)
              AREA SOURCES              34           5            7           33           83
              POINT SOURCES             49          67           66           50          597

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES            1097          44          263         1582         4955
              POINT SOURCES             63          70           84          109         1296

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          7186         389         9260        11576        93415
         LIGHT DUTY TRUCKS            2138         167         3789         4227        29871
         HEAVY DUTY VEHICLES           647          72         2493         2476        33970
         OFF HIGHWAY                    63          34          625         2248        24117
         TOTAL (GASOLINE)            10034         662        16167        20527       181373

      DIESEL

         HEAVY DUTY VEHICLES          1157         585         5542          638         1843
         OFF HIGHWAY                   379         318         3845          566         1140
         RAIL                          154         348         2257          575          793
         TOTAL (DIESEL)               1690        1251        11644         1779         3776

   AIRCRAFT

      MILITARY                         716          67          430         1274         2294
      CIVIL                              0           0            0           13          594
      COMMERCIAL                         2           4           37           41           92
      TOTAL (AIRCRAFT)                 718          71          467         1328         2980

   VESSELS

      DIESEL FUEL                      424         531         3964         1043         1387
      GASOLINE                           0          21           77         3086         9694
      TOTAL (VESSELS)                  424         552         4041         4129        11081

   TOTAL (TRANSPORTATION)            12866        2536        32319        27763       199210

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                    131           0           29          186         1076
   STRUCTURAL FIRES                    116           0           10           88          474
   GASOLINE STA EVAP LOSS                0           0            0         2210            0
   SOLVENT EVAPORATION LOSS              0           0            0         9922            0
   UNPAVED ROADS                     28748           0            0            0            0
   TOTAL (MISCELLANEOUS)             28995           0           39        12406         1550

GRAND TOTAL
***********

   AREA SOURCES                      43877        5415        36115        42798       209245

   POINT SOURCES                     57662      733089       207953        24942        27670

   TOTAL                            101539      738504       244068        67740       236915
```

```
*** DOS ***
    GASOLINE STA EVAP LOSS              0           0           0        4322           0
    SOLVENT EVAPORATION LOSS            0           0           0       25797           0
    UNPAVED ROADS                   10940           0           0           0           0
    TOTAL (MISCELLANEOUS)           11182           1          30       30303        1004

GRAND TOTAL
***********

    AREA SOURCES                    40791       11556       49637       72725      340206

    POINT SOURCES                   15379      228991       55879       42171        7076

    TOTAL                           56170      240547      105516      114896      347282
```

*** D07 ***

BITUMINOUS COAL					
POINT SOURCES	552	761	153	7	20
RESIDUAL OIL					
AREA SOURCES	5	33	17	0	1
DISTILLATE OIL					
AREA SOURCES	5	117	89	2	22
NATURAL GAS					
AREA SOURCES	21	1	262	18	44
POINT SOURCES	0	0	7	0	1
TOTAL (COMM-INST)					
AREA SOURCES	57	220	396	20	68
POINT SOURCES	552	761	160	7	21
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1184	3384	9292	2787	5057
POINT SOURCES	66402	738775	256432	3254	14471
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	8	7	117	9	25
TOTAL (ELEC GEN)	8	7	117	9	25
TOTAL (INTERNAL COMB)	8	7	117	9	25
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1184	3384	9292	2787	5057
POINT SOURCES	66410	738782	256549	3263	14496
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	604	13032	78	2058	105
FOOD/AGRICULTURAL	38	0	0	0	0
PRIMARY METAL	14010	4080	929	4810	407556
SECONDARY METALS	653	5	18	0	1360
MINERAL PRODUCTS	6325	1367	859	12	58
PETROLEUM INDUSTRY	1073	13340	3205	7420	6208
WOOD PRODUCTS	269	0	0	37	0
ORGANIC SOLVENT EVAPORATION	8	0	5	424	0
PETROLEUM STORAGE/TRANSPORT	28	0	0	3586	0
METAL FABRICATION	20	0	22	107	2
TEXTILE MANUFACTURING	2	0	5	0	0
OTHER/NOT CLASSIFIED	26	321	529	12	73
TOTAL (INDUSTRIAL)	23056	32145	5650	18466	415362
SOLID WASTE DISPOSAL *********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	189	2	5	530	1599
OPEN BURNING	1079	40	274	1451	4611
TOTAL (RESIDENTIAL)	1268	42	279	1981	6210
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	45	12	20	26	64
POINT SOURCES	0	0	1	0	1
OPEN BURNING					
AREA SOURCES	1	0	0	2	4
TOTAL (COMM-INST)					
AREA SOURCES	46	12	20	28	68

POINT SOURCES	81	269	102	8	15
TOTAL (EXTERNAL COMB)					
AREA SOURCES	294	898	1046	218	1134
POINT SOURCES	2755	27588	9955	124	427
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	24	22	330	26	72
TOTAL (ELEC GEN)	24	22	330	26	72
TOTAL (INTERNAL COMB)	24	22	330	26	72
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	294	898	1046	218	1134
POINT SOURCES	2779	27610	10285	150	499
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	49	0	0	123	394
MINERAL PRODUCTS	395	34	9	0	0
WOOD PRODUCTS	65	391	174	0	3250
ORGANIC SOLVENT EVAPORATION	0	0	0	92	0
OTHER/NOT CLASSIFIED	0	1719	0	0	0
TOTAL (INDUSTRIAL)	509	2144	183	215	3644
SOLID WASTE DISPOSAL ********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	2	0	0	5	18
OPEN BURNING	935	35	239	1262	4002
TOTAL (RESIDENTIAL)	937	35	239	1267	4020
COMMERCIAL-INSTITUTIONAL					
OPEN BURNING AREA SOURCES	4	0	2	8	21
TOTAL (COMM-INST) AREA SOURCES	4	0	2	8	21
INDUSTRIAL					
ON SITE INCINERATION AREA SOURCES	2	0	0	2	2
OPEN BURNING AREA SOURCES	26	1	9	45	159
TOTAL (INDUSTRIAL) AREA SOURCES	28	1	9	47	161
TOTAL (SOLID WASTE DISP) AREA SOURCES	969	36	250	1322	4202
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	3876	193	4715	6264	51482

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                        ******************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                        *******************************

                                                                             RUN DATE:   TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                                AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
*****************************                                       POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981
AQCR:151 NORTHEAST PENNSYLVANIA-UPPER DELAWARE VALLEY

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL            1399           3723            421            349          12597
         DISTILLATE OIL              668           7710           4818            266           1340
         NATURAL GAS                 147              7           1180            119            296
         WOOD                        914             16             39            183           6579
         TOTAL (RESIDENTIAL)        3128          11456           6458            917          20812

      ELEC GENERATION (POINT)

         ANTHRACITE COAL            2191           4007           2109              0            117
         BITUMINOUS COAL            2359          91551          28726            344           1147
         RESIDUAL OIL               2664          33321          22218            215           1061
         DISTILLATE OIL                3            247            115              0             27
         NATURAL GAS                   2            121            649              5              7
         TOTAL (ELEC GEN)           7219         129247          53817            564           2359

      INDUSTRIAL FUEL

         ANTHRACITE COAL
            POINT SOURCES            332            642            221              0             25
         BITUMINOUS COAL
            AREA SOURCES             426           3411            854             25             54
            POINT SOURCES            834           1357            187             10             24
         RESIDUAL OIL
            POINT SOURCES          68938          18400           3324             87          27848
         DISTILLATE OIL
            AREA SOURCES             117           1136           1383             74            198
            POINT SOURCES             21            915            150              7             40
         NATURAL GAS
            AREA SOURCES             121              6           7423           2288            935
            POINT SOURCES             54              4           1478             40            107
         PROCESS GAS
            POINT SOURCES            125           1760              0              0              0
         WOOD
            POINT SOURCES           1319             55            365             73             73
         TOTAL (INDUSTRIAL)
            AREA SOURCES             664           4553           9660           2387           1187
            POINT SOURCES          71623          23133           5725            217          28117

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
```

DISTILLATE OIL					
AREA SOURCES	18	258	197	8	46
POINT SOURCES	1	22	14	0	3
NATURAL GAS					
AREA SOURCES	33	1	387	25	65
WOOD					
AREA SOURCES	3	0	3	0	0
TOTAL (COMM-INST)					
AREA SOURCES	55	300	595	33	111
POINT SOURCES	61	150	48	1	6
TOTAL (EXTERNAL COMB)					
AREA SOURCES	1944	4064	6013	976	6674
POINT SOURCES	34550	94610	43398	987	2750
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
NATURAL GAS	0	0	34	3	9
TOTAL (ELEC GEN)	0	0	34	3	9
TOTAL (INTERNAL COMB)	0	0	34	3	9
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	1944	4064	6013	976	6674
POINT SOURCES	34550	94610	43432	990	2759
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	21	0	56	4644	0
FOOD/AGRICULTURAL	524	0	0	0	0
PRIMARY METAL	634	1404	38	22	11395
SECONDARY METALS	234	241	17	0	200
MINERAL PRODUCTS	7062	46	701	176	70
WOOD PRODUCTS	2049	1018	392	18	8029
ORGANIC SOLVENT EVAPORATION	1	0	0	4387	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	2843	0
TEXTILE MANUFACTURING	176	831	144	12683	14
OTHER/NOT CLASSIFIED	16	198	0	0	0
TOTAL (INDUSTRIAL)	10717	3738	1348	24773	19708
SOLID WASTE DISPOSAL					
********************					
RESIDENTIAL (AREA)					
ON SITE INCINERATION	130	1	5	365	1095
OPEN BURNING	1671	62	426	2250	7144
TOTAL (RESIDENTIAL)	1801	63	431	2615	8239
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	144	45	69	82	196
POINT SOURCES	17	8	10	10	27
OPEN BURNING					
AREA SOURCES	8	0	1	15	33
TOTAL (COMM-INST)					
AREA SOURCES	152	45	70	97	229
POINT SOURCES	17	8	10	10	27
INDUSTRIAL					

LIGHT DUTY VEHICLES	8482	350	8382	11404	100386
LIGHT DUTY TRUCKS	1863	108	2377	2959	22964
HEAVY DUTY VEHICLES	416	37	1265	1537	21065
OFF HIGHWAY	35	20	346	1246	13358
TOTAL (GASOLINE)	10796	515	12370	17146	157773
DIESEL					
HEAVY DUTY VEHICLES	1119	517	5078	661	1876
OFF HIGHWAY	269	227	2730	402	809
RAIL	211	477	3093	786	1087
TOTAL (DIESEL)	1599	1221	10901	1849	3772
AIRCRAFT					
MILITARY	32	3	19	57	102
CIVIL	0	0	0	21	952
COMMERCIAL	2	4	36	40	90
TOTAL (AIRCRAFT)	34	7	55	118	1144
VESSELS					
DIESEL FUEL	51	62	469	124	163
GASOLINE	0	3	14	581	1824
TOTAL (VESSELS)	51	65	483	705	1987
TOTAL (TRANSPORTATION)	12480	1808	23809	19818	164676
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	68	0	16	95	559
STRUCTURAL FIRES	135	0	16	101	548
GASOLINE STA EVAP LOSS	0	0	0	2284	0
SOLVENT EVAPORATION LOSS	0	0	0	13131	0
UNPAVED ROADS	49159	0	0	0	0
UNPAVED AIRSTRIPS	8	0	0	0	0
TOTAL (MISCELLANEOUS)	49370	0	32	15611	1107
GRAND TOTAL ***********					
AREA SOURCES	63272	3248	29954	38615	172369
POINT SOURCES	160419	819801	242919	9151	146049
TOTAL	223691	823049	272873	47766	318418

```
*** E01 ***                                                                                    *** E01 ***
    POINT SOURCES                       23568        185986        71398        26945        126344
    TOTAL                              229129        203877       156547       177609        867717
```

```
*** E02 ***
                  POINT SOURCES             8            0            188            2           11
            TOTAL (COMM-INST)
                  AREA SOURCES             98          351            532           22           79
                  POINT SOURCES             9            3            190            2           11

        TOTAL (EXTERNAL COMB)
                  AREA SOURCES           1468         1665           3497          891         7062
                  POINT SOURCES          3587         1882           9910         1509         1551

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL                  1            9             14            1            3
            TOTAL (ELEC GEN)                1            9             14            1            3

        TOTAL (INTERNAL COMB)               1            9             14            1            3

    TOTAL (FUEL COMBUSTION)

                  AREA SOURCES           1468         1665           3497          891         7062
                  POINT SOURCES          3588         1891           9924         1510         1554

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                661            0              1            2           19
    FOOD/AGRICULTURAL                     969            0              1            1           10
    PRIMARY METAL                        3193        37040             51            0        34061
    SECONDARY METALS                      173            0              1            0          109
    MINERAL PRODUCTS                      277            0              0            0            0
    WOOD PRODUCTS                         725          200            301            0         8124
    ORGANIC SOLVENT EVAPORATION             0            0              0            2            0
    PETROLEUM STORAGE/TRANSPORT             0            0              0         1159            0
    TOTAL (INDUSTRIAL)                   5998        37240            355         1164        42323

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             1346           21             40         3785        11357
        OPEN BURNING                     1351           48            346         1824         5783
        TOTAL (RESIDENTIAL)              2697           69            386         5609        17140

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                  AREA SOURCES             24            8             10           14           36
                  POINT SOURCES             6            0              4           44          520
        OPEN BURNING
                  AREA SOURCES              1            0              0            2            4
                  POINT SOURCES             7            0              2            9           55
        TOTAL (COMM-INST)
                  AREA SOURCES             25            8             10           16           40
                  POINT SOURCES            13            0              6           53          575

    INDUSTRIAL

        ON SITE INCINERATION
                  AREA SOURCES             15            2              2           14           20
                  POINT SOURCES           355           10             88          604         7143
        OPEN BURNING
                  AREA SOURCES              9            0              2           13           50
        TOTAL (INDUSTRIAL)
                  AREA SOURCES             24            2              4           27           70
```

```
*** E03 ***                                                                                          *** E03 ***
               POINT SOURCES                 0             0             0             1             3
        OPEN BURNING
               AREA SOURCES                  1             0             0             1             5
        TOTAL (INDUSTRIAL)
               AREA SOURCES                 27             6             6            24            39
               POINT SOURCES                 0             0             0             1             3

     TOTAL (SOLID WASTE DISP)
               AREA SOURCES                670            39           143          1115          3386
               POINT SOURCES                 0             0             0             1             3

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

        GASOLINE

           LIGHT DUTY VEHICLES            2350           125          3077          3821         31540
           LIGHT DUTY TRUCKS               723            55          1283          1441         10444
           HEAVY DUTY VEHICLES             245            28          1015           981         13468
           OFF HIGHWAY                      52            27           504          1813         19435
           TOTAL (GASOLINE)               3370           235          5879          8056         74887

        DIESEL

           HEAVY DUTY VEHICLES             495           255          2598           302           836
           OFF HIGHWAY                     122           103          1235           180           365
           RAIL                             50           113           735           187           258
           TOTAL (DIESEL)                  667           471          4568           669          1459

     AIRCRAFT

        MILITARY                             2             0             1             3             5
        CIVIL                                0             0             0            13           593
        COMMERCIAL                           3             6            53            59           132
        TOTAL (AIRCRAFT)                     5             6            54            75           730

     VESSELS

        DIESEL FUEL                          5             5            44            12            15
        GASOLINE                             0            11            45          1849          5809
        TOTAL (VESSELS)                      5            16            89          1861          5824

     TOTAL (TRANSPORTATION)               4047           728         10590         10661         82900

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                        8             0             3            12            72
     STRUCTURAL FIRES                       57             0             8            41           231
     GASOLINE STA EVAP LOSS                  0             0             0           974             0
     SOLVENT EVAPORATION LOSS                0             0             0          8217             0
     UNPAVED ROADS                       54731             0             0             0             0
     TOTAL (MISCELLANEOUS)               54796             0            11          9244           303

GRAND TOTAL
***********

     AREA SOURCES                        59848          2307         12269         21296         87355

     POINT SOURCES                       13386         72859         21235           746          5856

     TOTAL                               73234         75166         33504         22042         93211
```

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

AQCR EMISSIONS REPORT
AQCR:086 METROPOLITAN SIOUX CITY

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
BITUMINOUS COAL	1	4	0	1	4
DISTILLATE OIL	10	123	78	4	22
NATURAL GAS	38	1	300	29	75
WOOD	21	0	1	4	153
TOTAL (RESIDENTIAL)	70	128	379	38	254
ELEC GENERATION (POINT)					
BITUMINOUS COAL	848	31222	23849	397	1325
DISTILLATE OIL	2	121	84	3	14
NATURAL GAS	1	0	319	0	8
TOTAL (ELEC GEN)	851	31343	24252	400	1347
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	271	1675	416	12	27
RESIDUAL OIL					
AREA SOURCES	3	42	10	0	1
POINT SOURCES	36	86	13	4	0
DISTILLATE OIL					
AREA SOURCES	1	16	19	1	2
POINT SOURCES	4	420	39	12	9
NATURAL GAS					
AREA SOURCES	6	0	819	307	110
POINT SOURCES	60	1	985	86	17
LIQUID PETROL GAS					
POINT SOURCES	1	0	2	0	0
TOTAL (INDUSTRIAL)					
AREA SOURCES	281	1733	1264	320	140
POINT SOURCES	101	507	1039	102	26
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	15	36	16	0	1
BITUMINOUS COAL					
AREA SOURCES	53	196	33	2	7
RESIDUAL OIL					
AREA SOURCES	6	71	18	0	1
DISTILLATE OIL					
AREA SOURCES	3	53	42	1	9

```
                POINT SOURCES                0           0           1           0           1

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES                26           4           4          24          37
                POINT SOURCES               96           3          20         196        2279
        OPEN BURNING
                AREA SOURCES                12           0           3          19          75
        TOTAL (INDUSTRIAL)
                AREA SOURCES                38           4           7          43         112
                POINT SOURCES               96           3          20         196        2279

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES              1352          58         306        2052        6390
                POINT SOURCES               96           3          21         196        2280

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           8757         466       11604       15031      121122
            LIGHT DUTY TRUCKS             2466         191        4290        4760       33790
            HEAVY DUTY VEHICLES            630          69        2421        2413       33166
            OFF HIGHWAY                     71          37         694        2499       26782
            TOTAL (GASOLINE)             11924         763       19009       24703      214860

        DIESEL

            HEAVY DUTY VEHICLES           1254         639        6105         698        2003
            OFF HIGHWAY                    477         401        4812         707        1424
            RAIL                           298         678        4391        1118        1542
            TOTAL (DIESEL)                2029        1718       15308        2523        4969

    AIRCRAFT

        MILITARY                             4           0           2           7          12
        CIVIL                                0           0           0          23        1136
        COMMERCIAL                           3           6          55          62         138
        TOTAL (AIRCRAFT)                     7           6          57          92        1286

    VESSELS

        DIESEL FUEL                        231         288        2160         567         756
        GASOLINE                             0           5          25        1068        3358
        TOTAL (VESSELS)                    231         293        2185        1635        4114

    TOTAL (TRANSPORTATION)               14191        2780       36559       28953      225229

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                      1022           6         240        1441        8407
    STRUCTURAL FIRES                       174           0          21         128         704
    GASOLINE STA EVAP LOSS                   0           0           0        2686           0
    SOLVENT EVAPORATION LOSS                 0           0           0       13232           0
    UNPAVED ROADS                        80047           0           0           0           0
    TOTAL (MISCELLANEOUS)                81243           6         261       17487        9111

GRAND TOTAL
***********

    AREA SOURCES                         97970        6228       46418       51279      245787
```

LIGHT DUTY TRUCKS	957	69	1578	1829	13231
HEAVY DUTY VEHICLES	207	22	769	821	11142
OFF HIGHWAY	18	10	181	653	7012
TOTAL (GASOLINE)	5058	294	7243	9567	82867
DIESEL					
HEAVY DUTY VEHICLES	430	224	2144	242	696
OFF HIGHWAY	164	138	1662	244	491
RAIL	36	83	534	136	188
TOTAL (DIESEL)	630	445	4340	622	1375
AIRCRAFT					
MILITARY	21	2	13	38	68
CIVIL	0	0	0	11	517
COMMERCIAL	2	4	34	38	84
TOTAL (AIRCRAFT)	23	6	47	87	669
VESSELS					
GASOLINE	0	1	6	226	709
TOTAL (VESSELS)	0	1	6	226	709
TOTAL (TRANSPORTATION)	5711	746	11636	10502	85620
MISCELLANEOUS (AREA) *********************					
FOREST WILDFIRES	47	0	11	68	396
STRUCTURAL FIRES	76	0	9	57	305
GASOLINE STA EVAP LOSS	0	0	0	978	0
SOLVENT EVAPORATION LOSS	0	0	0	10123	0
UNPAVED ROADS	13118	0	0	0	0
TOTAL (MISCELLANEOUS)	13241	0	20	11226	701
GRAND TOTAL ***********					
AREA SOURCES	20215	1680	12952	23268	91657
POINT SOURCES	3288	29754	10468	365	4143
TOTAL	23503	31434	23420	23633	95800

NATIONAL EMISSIONS DATA SYSTEM

ENVIRONMENTAL PROTECTION AGENCY

RUN DATE: TUESDAY JANUARY 26, 1982
AREA EMISSIONS AS OF: TUESDAY JULY 21, 1981
POINT EMISSIONS AS OF: THURSDAY MAY 28, 1981

AQCR EMISSIONS REPORT

AQCR:128 SOUTHEAST MINNESOTA-LA CROSSE

	PARTICULATES TONS / YR	SOX TONS / YR	NOX TONS / YR	HC TONS / YR	CO TONS / YR
FUEL COMBUSTION					
EXTERNAL COMBUSTION					
RESIDENTIAL FUEL (AREA)					
DISTILLATE OIL	244	2823	1764	98	488
NATURAL GAS	171	5	1362	137	342
WOOD	1202	23	45	244	8622
TOTAL (RESIDENTIAL)	1617	2851	3171	479	9452
ELEC GENERATION (POINT)					
BITUMINOUS COAL	1283	82549	14505	287	874
LIGNITE	787	2161	789	51	119
RESIDUAL OIL	126	2570	957	9	45
DISTILLATE OIL	0	26	44	0	1
NATURAL GAS	7	0	816	2	29
OTHER	27	4	12	6	6
TOTAL (ELEC GEN)	2230	87310	17123	355	1074
INDUSTRIAL FUEL					
BITUMINOUS COAL					
AREA SOURCES	100	312	163	3	9
POINT SOURCES	3673	4621	784	145	453
RESIDUAL OIL					
POINT SOURCES	270	4795	743	11	70
DISTILLATE OIL					
AREA SOURCES	22	214	262	12	40
POINT SOURCES	6	262	70	2	12
NATURAL GAS					
AREA SOURCES	67	0	3506	995	430
POINT SOURCES	26	0	959	6	52
WOOD					
POINT SOURCES	369	22	146	30	29
LIQUID PETROL GAS					
POINT SOURCES	0	1	3	0	0
OTHER					
POINT SOURCES	1	0	7	0	1
TOTAL (INDUSTRIAL)					
AREA SOURCES	189	526	3931	1010	479
POINT SOURCES	4345	9701	2712	194	617
COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	2	4	2	0	0

AREA SOURCES	432	1036	446	0	36
POINT SOURCES	2053	989	567	0	363
RESIDUAL OIL					
AREA SOURCES	126	751	447	6	36
POINT SOURCES	324	4328	723	13	63
DISTILLATE OIL					
AREA SOURCES	54	788	602	25	136
POINT SOURCES	2	19	5	0	1
NATURAL GAS					
AREA SOURCES	62	3	738	48	125
POINT SOURCES	3	0	7	0	1
WOOD					
POINT SOURCES	88	435	438	80	1973
TOTAL (COMM-INST)					
AREA SOURCES	674	2578	2233	79	333
POINT SOURCES	2470	5771	1740	93	2401
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4466	18587	18351	3383	22332
POINT SOURCES	81312	158151	61282	874	32877
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	5	0	721	59	164
NATURAL GAS	8	1	387	40	107
TOTAL (ELEC GEN)	13	1	1108	99	271
TOTAL (INTERNAL COMB)	13	1	1108	99	271
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4466	18587	18351	3383	22332
POINT SOURCES	81325	158152	62390	973	33148
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	2029	222	595	939	0
FOOD/AGRICULTURAL	79	146	36	1	0
PRIMARY METAL	17857	159933	935	1089	59154
SECONDARY METALS	2463	2887	55	11	14107
MINERAL PRODUCTS	122218	21267	8579	3494	7129
WOOD PRODUCTS	269	0	0	700	0
ORGANIC SOLVENT EVAPORATION	411	0	344	12075	49
PETROLEUM STORAGE/TRANSPORT	19	145	0	161	0
METAL FABRICATION	53	30	138	62	4
TEXTILE MANUFACTURING	143	0	0	30	0
OTHER/NOT CLASSIFIED	49	10	3	74	0
TOTAL (INDUSTRIAL)	145590	184640	10685	18636	80443
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
OTHER INCINERATION	2	5	7	5	0
TOTAL (GOVERNMENT)	2	5	7	5	0
RESIDENTIAL (AREA)					
ON SITE INCINERATION	75	0	2	213	635
OPEN BURNING	3522	129	901	4751	15068
TOTAL (RESIDENTIAL)	3597	129	903	4964	15703

ON SITE INCINERATION					
AREA SOURCES	90	20	20	78	119
POINT SOURCES	3	0	0	5	63
OPEN BURNING					
AREA SOURCES	48	2	16	82	290
TOTAL (INDUSTRIAL)					
AREA SOURCES	138	22	36	160	409
POINT SOURCES	3	0	0	5	63
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2091	130	537	2872	8877
POINT SOURCES	20	8	10	15	90
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	22347	907	21541	31698	272354
LIGHT DUTY TRUCKS	4126	238	5323	7118	53883
HEAVY DUTY VEHICLES	1569	132	4318	5787	78874
OFF HIGHWAY	88	47	859	3092	33167
TOTAL (GASOLINE)	28130	1324	32041	47695	438278
DIESEL					
HEAVY DUTY VEHICLES	4369	1885	17762	2463	7196
OFF HIGHWAY	657	549	6625	974	1961
RAIL	257	588	3812	969	1340
TOTAL (DIESEL)	5283	3022	28199	4406	10497
AIRCRAFT					
MILITARY	21	2	12	37	66
CIVIL	1	0	1	37	1774
COMMERCIAL	25	55	511	571	1274
TOTAL (AIRCRAFT)	47	57	524	645	3114
VESSELS					
GASOLINE	0	2	7	290	910
TOTAL (VESSELS)	0	2	7	290	910
TOTAL (TRANSPORTATION)	33460	4405	60771	53036	452799
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	121	0	28	170	990
FOREST MANAGED BURNING	556	3	112	500	3114
STRUCTURAL FIRES	299	0	35	223	1220
GASOLINE STA EVAP LOSS	0	0	0	5500	0
SOLVENT EVAPORATION LOSS	0	0	0	48683	0
UNPAVED ROADS	46663	0	0	0	0
UNPAVED AIRSTRIPS	22	0	0	0	0
TOTAL (MISCELLANEOUS)	47661	3	175	55076	5324
GRAND TOTAL ***********					
AREA SOURCES	85136	8602	67496	111960	473674
POINT SOURCES	45287	98356	44790	25778	22557

*** F02 *** *** F02 ***

POINT SOURCES	355	10	88	604	7143
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	2746	79	400	5652	17250
POINT SOURCES	368	10	94	657	7718
TRANSPORTATION (AREA)					
*********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	11876	500	12555	19846	166703
LIGHT DUTY TRUCKS	3998	256	5940	7647	57217
HEAVY DUTY VEHICLES	544	55	1883	2139	29025
OFF HIGHWAY	49	27	473	1705	18285
TOTAL (GASOLINE)	16467	838	20851	31337	271230
DIESEL					
HEAVY DUTY VEHICLES	1702	780	7786	1035	2924
OFF HIGHWAY	394	329	3974	583	1176
RAIL	181	411	2667	678	938
TOTAL (DIESEL)	2277	1520	14427	2296	5038
AIRCRAFT					
MILITARY	280	27	168	497	896
CIVIL	2	1	4	78	3602
COMMERCIAL	17	38	351	393	875
TOTAL (AIRCRAFT)	299	66	523	968	5373
VESSELS					
DIESEL FUEL	4	5	29	6	10
GASOLINE	0	8	35	1394	4386
TOTAL (VESSELS)	4	13	64	1400	4396
TOTAL (TRANSPORTATION)	19047	2437	35865	36001	286037
MISCELLANEOUS (AREA)					
*********************					
FOREST WILDFIRES	1079	10	254	1522	8879
FOREST MANAGED BURNING	3362	25	674	3025	18823
AGRICULTURAL BURNING	1037	0	146	1225	6813
STRUCTURAL FIRES	151	0	16	114	613
GASOLINE STA EVAP LOSS	0	0	0	2992	0
SOLVENT EVAPORATION LOSS	0	0	0	13160	0
UNPAVED ROADS	25103	0	0	0	0
UNPAVED AIRSTRIPS	153	0	0	0	0
TOTAL (MISCELLANEOUS)	30885	35	1090	22038	35128
GRAND TOTAL					
***********					
AREA SOURCES	54146	4216	40852	64582	345477
POINT SOURCES	9954	39141	10373	3331	51595
TOTAL	64100	43357	51225	67913	397072

```
*** F04 ***                                                                                                 *** F04 ***

                                                NATIONAL EMISSIONS DATA SYSTEM
                                                ******************************

                                                ENVIRONMENTAL PROTECTION AGENCY
                                                *******************************

AQCR EMISSIONS REPORT                                                     RUN DATE:  TUESDAY     JANUARY 26, 1982
*********************                                      AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
AQCR:073 ROCKFORD-JANESVILLE-BELOIT                       POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981

                                 PARTICULATES        SOX              NOX              HC               CO
                                 ************    ************     ************     ************     ************
                                  TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL             2              8                0                2               10
            DISTILLATE OIL             43            496              310               17               86
            NATURAL GAS               102              7              825               82              207
            TOTAL (RESIDENTIAL)       147            511             1135              101              303

        ELEC GENERATION (POINT)

            BITUMINOUS COAL          1043          11657             6228               38              127
            DISTILLATE OIL              7            173              121                2               22
            NATURAL GAS                 0              0              293                0                7
            TOTAL (ELEC GEN)         1050          11830             6642               40              156

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES          306           1767              466               14               31
                POINT SOURCES         918           5054              949               62              125
            RESIDUAL OIL
                POINT SOURCES          19            262              101                2                7
            DISTILLATE OIL
                AREA SOURCES            0              1                1                0                0
                POINT SOURCES           3              8               42                1                7
            NATURAL GAS
                AREA SOURCES           46              2             1333              229              148
                POINT SOURCES          15              0              366                3               26
            OTHER
                POINT SOURCES           4              0               58                1                8
            TOTAL (INDUSTRIAL)
                AREA SOURCES          352           1770             1800              243              179
                POINT SOURCES         959           5324             1516               69              173

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES           10             25               10                0                1
            RESIDUAL OIL
                AREA SOURCES           39            539              135                1               11
            DISTILLATE OIL
                AREA SOURCES            5             77               59                2               14
            NATURAL GAS
                AREA SOURCES           39              2              467               31               78
                POINT SOURCES           0              0                4                0                0
```

```
                                    NATIONAL EMISSIONS DATA SYSTEM
                                   ********************************

                                    ENVIRONMENTAL PROTECTION AGENCY
                                   *********************************

                                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                  AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                          POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:079 METROPOLITAN CINCINNATI

                           PARTICULATES        SOX            NOX            HC             CO
                           ************   ************   ************   ************   ************
                            TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL            7             16              1              1             57
         BITUMINOUS COAL           40            132              7             40            175
         DISTILLATE OIL            75            853            533             27            148
         NATURAL GAS              281             15           2247            224            563
         WOOD                     186              2              7             37           1341
         TOTAL (RESIDENTIAL)      589           1018           2795            329           2284

      ELEC GENERATION (POINT)

         BITUMINOUS COAL        16605         348983         103781           1450           4844
         DISTILLATE OIL            15            528            807             13             66
         NATURAL GAS               11              7            793              8             21
         TOTAL (ELEC GEN)       16631         349518         105381           1471           4931

      INDUSTRIAL FUEL

         BITUMINOUS COAL
             AREA SOURCES        1104           6788           1653             49            109
             POINT SOURCES       4526          15868           8066            250            662
         RESIDUAL OIL
             AREA SOURCES           0              2              1              0              0
             POINT SOURCES        473           6117           2584             58            202
         DISTILLATE OIL
             AREA SOURCES          33            320            390             21             54
             POINT SOURCES         40           1947            355             28             78
         NATURAL GAS
             AREA SOURCES         110              5           8555           2867           1104
             POINT SOURCES         70              4           2467             18             83
         PROCESS GAS
             POINT SOURCES         61            620              0              0              0
         LIQUID PETROL GAS
             POINT SOURCES          1              1              5              0              1
         TOTAL (INDUSTRIAL)
             AREA SOURCES        1247           7115          10599           2937           1267
             POINT SOURCES       5171          24557          13477            354           1026

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
             AREA SOURCES          51            125             54              0              4
         BITUMINOUS COAL
             POINT SOURCES        280           1019            562             31             74
```

```
          NATURAL GAS
             AREA SOURCES                  20          1          233          15          39
          TOTAL (COMM-INST)
             AREA SOURCES                  97        357          342          18          57

       TOTAL (EXTERNAL COMB)
             AREA SOURCES                 448       2218         1985         376         451
             POINT SOURCES                952      31850        25291         502        1373

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                 1434          1           13           1           3
          NATURAL GAS                       0          0           24          10           3
          TOTAL (ELEC GEN)               1434          1           37          11           6

       INDUSTRIAL FUEL

          DISTILLATE OIL                    0          0            1           0           0
          NATURAL GAS                       1          0           16           1           6
          GASOLINE                          0          0            0           1          16
          TOTAL (INDUSTRIAL)                1          0           17           2          22

       TOTAL (INTERNAL COMB)             1435          1           54          13          28

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES                 448       2218         1985         376         451
             POINT SOURCES               2387      31851        25345         515        1401

 INDUSTRIAL PROCESS (POINT)
 **************************

    CHEMICAL MANUFACTURING                114          0           17         189           0
    FOOD/AGRICULTURAL                    4473          0            0           0           0
    SECONDARY METALS                        3          0            0           0           0
    MINERAL PRODUCTS                     2627          0            0           0           0
    TOTAL (INDUSTRIAL)                   7217          0           17         189           0

 SOLID WASTE DISPOSAL
 ********************

    RESIDENTIAL (AREA)

       ON SITE INCINERATION               179          2            5         505        1515
       OPEN BURNING                       374         14           95         504        1600
       TOTAL (RESIDENTIAL)                553         16          100        1009        3115

    COMMERCIAL-INSTITUTIONAL

       ON SITE INCINERATION
             AREA SOURCES                  57         18           27          33          80
       TOTAL (COMM-INST)
             AREA SOURCES                  57         18           27          33          80

    INDUSTRIAL

       ON SITE INCINERATION
             AREA SOURCES                  27          6            6          25          37
             POINT SOURCES                  1          0            0           0           0
       TOTAL (INDUSTRIAL)
             AREA SOURCES                  27          6            6          25          37
             POINT SOURCES                  1          0            0           0           0

    TOTAL (SOLID WASTE DISP)
```

```
*** F07 ***
    POINT SOURCES                  89562       770930       262220       21925       432138
    TOTAL                         187532       777158       308638       73204       677925
```

```
*** F09 ***
            BITUMINOUS COAL
                POINT SOURCES           745          2008           182            55           172
            RESIDUAL OIL
                AREA SOURCES              4            89            26             0             0
                POINT SOURCES            64          1359           271             3            26
            DISTILLATE OIL
                AREA SOURCES             54           742           563            20           132
                POINT SOURCES            26           155            36            10            32
            NATURAL GAS
                AREA SOURCES             75             2           897            60           151
                POINT SOURCES            10             0           527             2            25
            WOOD
                POINT SOURCES             1             0             1             0             0
            TOTAL (COMM-INST)
                AREA SOURCES            135           837          1488            80           283
                POINT SOURCES           846          3522          1017            70           255

        TOTAL (EXTERNAL COMB)
                AREA SOURCES           1961          4214          8590          1569         10214
                POINT SOURCES          7421        100533         20852           619          1946

    INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

            DISTILLATE OIL              114          1434          1590           134           356
            NATURAL GAS                   8             0           259            40            66
            OTHER                         0             0             3             0             1
            TOTAL (ELEC GEN)            122          1434          1852           174           423

        INDUSTRIAL FUEL

            DISTILLATE OIL                0             1             1             0             0
            NATURAL GAS                   0             0           155            62            21
            TOTAL (INDUSTRIAL)            0             1           156            62            21

        TOTAL (INTERNAL COMB)           122          1435          2008           236           444

    TOTAL (FUEL COMBUSTION)

                AREA SOURCES           1961          4214          8590          1569         10214
                POINT SOURCES          7543        101968         22860           855          2390

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING              943             1             1            45           144
    FOOD/AGRICULTURAL                 25311             0            11             1             8
    SECONDARY METALS                    120            12            12             5          2811
    MINERAL PRODUCTS                   1780            82            62             3             4
    ORGANIC SOLVENT EVAPORATION           1             0            28         21580             2
    PETROLEUM STORAGE/TRANSPORT           0             0             0          2934             0
    OTHER/NOT CLASSIFIED                  0             0             1           192             0
    TOTAL (INDUSTRIAL)                28155            95           115         24760          2969

SOLID WASTE DISPOSAL
********************

    RESIDENTIAL (AREA)

        ON SITE INCINERATION            758             7            22          2135          6399
        OPEN BURNING                   2080            79           533          2809          8903
        TOTAL (RESIDENTIAL)            2838            86           555          4944         15302

    COMMERCIAL-INSTITUTIONAL
```

```
*** F10 ***                                                                                          *** F10 ***
   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES              156          50           74           91          215
              POINT SOURCES               2           1            1            1            3
      TOTAL (COMM-INST)
              AREA SOURCES              156          50           74           91          215
              POINT SOURCES               2           1            1            1            3

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               27           5            5           24           36
              POINT SOURCES              21           9           10           30           47
      TOTAL (INDUSTRIAL)
              AREA SOURCES               27           5            5           24           36
              POINT SOURCES              21           9           10           30           47

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             3780         184          982         5079        15954
              POINT SOURCES              25          15           18           36           50

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          36646        1576        38024        53116       459097
         LIGHT DUTY TRUCKS             6576         417         9472        11717        88520
         HEAVY DUTY VEHICLES           1928         176         5963         7326       100213
         OFF HIGHWAY                    154          84         1518         5463        58572
         TOTAL (GASOLINE)             45304        2253        54977        77622       706402

      DIESEL

         HEAVY DUTY VEHICLES           4816        2201        21512         2831         8048
         OFF HIGHWAY                    858         719         8666         1273         2566
         RAIL                           422         958         6223         1580         2189
         TOTAL (DIESEL)                6096        3878        36401         5684        12803

   AIRCRAFT

      MILITARY                           37           3           22           65          117
      CIVIL                               1           0            4           80         3732
      COMMERCIAL                         13          30          277          310          692
      TOTAL (AIRCRAFT)                   51          33          303          455         4541

   VESSELS

      GASOLINE                            0          15           61         2422         7612
      TOTAL (VESSELS)                     0          15           61         2422         7612

   TOTAL (TRANSPORTATION)             51451        6179        91742        86183       731358

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     142           0           34          202         1186
   STRUCTURAL FIRES                     576           0           69          432         2347
   GASOLINE STA EVAP LOSS                 0           0            0         9041            0
   SOLVENT EVAPORATION LOSS               0           0            0        97601            0
   UNPAVED ROADS                     156543           0            0            0            0
   UNPAVED AIRSTRIPS                     23           0            0            0            0
   TOTAL (MISCELLANEOUS)             157284           0          103       107276         3533
```

```
*** F11 ***                                                                                   *** F11 ***
    TOTAL                    130443       106958       112286       137738       496231
```

```
*** F12 ***                                                                                             *** F12 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                           RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                           AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*****************************                                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:193 PORTLAND

                              PARTICULATES       SOX             NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 21             36              3             21             99
         DISTILLATE OIL                 122           3392            886             50            248
         NATURAL GAS                     84              4            688             68            173
         WOOD                          3636             72            146            729          26163
         TOTAL (RESIDENTIAL)           3863           3504           1723            868          26683

      ELEC GENERATION (POINT)

         LIGNITE                       5012          20513          36161            775           2583
         RESIDUAL OIL                     0             39              1              0              0
         DISTILLATE OIL                   3             61             73              2              6
         NATURAL GAS                      1              0             38              0              6
         OTHER                          464            116            850            170            170
         TOTAL (ELEC GEN)              5480          20729          37123            947           2765

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                333            647            334             11             19
         RESIDUAL OIL
            AREA SOURCES                 97           1324            333              5             27
            POINT SOURCES               865          12120           3400             36            205
         DISTILLATE OIL
            AREA SOURCES                129           2834           1494             80            214
            POINT SOURCES                 2             73             18              1              4
         NATURAL GAS
            AREA SOURCES                 78              3          10838           4079           1444
            POINT SOURCES               172             40           5650             76            278
         PROCESS GAS
            AREA SOURCES                  0              1              1              0              0
            POINT SOURCES                 0             63              0              0              0
         WOOD
            AREA SOURCES                283             52            356             77            106
            POINT SOURCES             10519            409          13271           3450           2884
         LIQUID PETROL GAS
            POINT SOURCES                 0              3             45              1              5
         OTHER
            POINT SOURCES                41             39             88              8              9
         TOTAL (INDUSTRIAL)
            AREA SOURCES                920           4861          13356           4252           1810
            POINT SOURCES             11599          12747          22472           3572           3385

      COMM-INSTITUTIONAL FUEL
```

```
*** G01 ***                                                                                              *** G01 ***

                                             NATIONAL EMISSIONS DATA SYSTEM
                                            **********************************

                                             ENVIRONMENTAL PROTECTION AGENCY
                                            ***********************************

                                                                       RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                        AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
******************************                              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:053 AUGUSTA-AIKEN

                               PARTICULATES        SOX            NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL               7             85             54              2             14
            NATURAL GAS                 49              1            385             37             99
            WOOD                      1375             30             54            277           9882
            TOTAL (RESIDENTIAL)       1431            116            493            316           9995

        ELEC GENERATION (POINT)

            BITUMINOUS COAL           2185          12993           4628             77            257
            RESIDUAL OIL                 8             10             33              2              2
            NATURAL GAS                  1              1            442              2             12
            OTHER                     2575            162           1078            216            216
            TOTAL (ELEC GEN)          4769          13166           6181            297            487

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                POINT SOURCES         6901          12816           8405            185            458
            RESIDUAL OIL
                POINT SOURCES          784           6734           1096             13             90
            DISTILLATE OIL
                AREA SOURCES            20            208            252             10             34
                POINT SOURCES           92            435            158              7             36
            NATURAL GAS
                AREA SOURCES            28              1           1027            229            121
                POINT SOURCES          166              3           2225              9             86
            WOOD
                POINT SOURCES          665             91            433             88             88
            TOTAL (INDUSTRIAL)
                AREA SOURCES            48            209           1279            239            155
                POINT SOURCES         8608          20079          12317            302            758

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES             4              8              3              0              1
            RESIDUAL OIL
                AREA SOURCES             2             40              6              0              0
                POINT SOURCES           13            171             33              1              3
            DISTILLATE OIL
                AREA SOURCES             4             54             41              1              9
                POINT SOURCES            3            181             28              1              6
            NATURAL GAS
                AREA SOURCES            16              1            216             13             37
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                           RUN DATE:  TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                           AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                                    POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:069 METROPOLITAN QUAD CITIES

                               PARTICULATES          SOX            NOX            HC             CO
                               ************      ************   ************   ************   ************
                                TONS / YR         TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                 13             53              1             41             56
         DISTILLATE OIL                  24            266            168             12             48
         NATURAL GAS                    137              8           1098            107            275
         WOOD                            10              0              0              3             72
         TOTAL (RESIDENTIAL)            184            327           1267            163            451

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               5708          75743          22051            500            961
         DISTILLATE OIL                   3             62             53              2              8
         NATURAL GAS                     16              0           1025              3             29
         TOTAL (ELEC GEN)              5727          75805          23129            505            998

      INDUSTRIAL FUEL


         ANTHRACITE COAL
             POINT SOURCES              459              0              0              0              0
         BITUMINOUS COAL
             AREA SOURCES               555           3798            902             28             58
             POINT SOURCES             4630          42000          16119            233            624
         RESIDUAL OIL
             AREA SOURCES                14            185             48              0              3
             POINT SOURCES               14              9              2              0              0
         DISTILLATE OIL
             AREA SOURCES                 4             41             48              3              6
             POINT SOURCES               10            512            162              7             35
         NATURAL GAS
             AREA SOURCES                27              1           2209            734            284
             POINT SOURCES               85              3           3976             12            110
         TOTAL (INDUSTRIAL)
             AREA SOURCES               600           4025           3207            765            351
             POINT SOURCES             5198          42524          20259            252            769

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES                36             85             38              0              1
         BITUMINOUS COAL
             AREA SOURCES                87            296             54              4             11
         RESIDUAL OIL
             AREA SOURCES                37            494            126              2             11
```

```
*** GD4 ***                                                                                    *** GD4 ***
           TOTAL (COMM-INST)
               AREA SOURCES               93           643           671           34          104
               POINT SOURCES               0             0             4            0            0

       TOTAL (EXTERNAL COMB)
               AREA SOURCES              592          2924          3606          378          586
               POINT SOURCES            2009         17154          8162          109          329

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

           DISTILLATE OIL                 73           221           980           80          219
           NATURAL GAS                     2             2            61            7           19
           TOTAL (ELEC GEN)               75           223          1041           87          238

       INDUSTRIAL FUEL

           DISTILLATE OIL                  0             0             5            0            1
           NATURAL GAS                     1             0           169           22            0
           TOTAL (INDUSTRIAL)              1             0           174           22            1

       ENGINE-TESTING

           TOTAL (ENG TESTNG)             11            10            91           30           49

       TOTAL (INTERNAL COMB)              87           233          1306          139          288

    TOTAL (FUEL COMBUSTION)

               AREA SOURCES              592          2924          3606          378          586
               POINT SOURCES            2096         17387          9468          248          617

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                 2             0             0         1470            0
    FOOD/AGRICULTURAL                    626            10            10           29            2
    PRIMARY METAL                         15            11            32            0            2
    SECONDARY METALS                    1013            38            62            9         2559
    MINERAL PRODUCTS                     493             0             0            0            0
    ORGANIC SOLVENT EVAPORATION          250             0           313        15947            0
    PETROLEUM STORAGE/TRANSPORT            7             0             5         1049            0
    METAL FABRICATION                    480             0            25           10            1
    TEXTILE MANUFACTURING                117             0             0            0            0
    OTHER/NOT CLASSIFIED                 190             0             0           20            0
    TOTAL (INDUSTRIAL)                  3193            59           447        18534         2564

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            68             1            21            0            0
        TOTAL (GOVERNMENT)                68             1            21            0            0

    RESIDENTIAL (AREA)

        ON SITE INCINERATION             645            11            20         1816         5448
        OPEN BURNING                     741            27           190         1001         3169
        TOTAL (RESIDENTIAL)             1386            38           210         2817         8617

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
               AREA SOURCES               17             5             8           10           23
```

```
                                                                                                   *** G05 ***
*** G05 ***
          RESIDUAL OIL
             AREA SOURCES                 56          391          197            3           17
             POINT SOURCES                 1           11            5            0            0
          DISTILLATE OIL
             AREA SOURCES                 23          332          253           11           56
             POINT SOURCES                 6          121           87            7           18
          NATURAL GAS
             AREA SOURCES                116            7         1392           93          232
             POINT SOURCES                 5            0           54            4            7
          TOTAL (COMM-INST)
             AREA SOURCES                246          855         1896          107          309
             POINT SOURCES               292         1151          708           42           99

       TOTAL (EXTERNAL COMB)
             AREA SOURCES               2082         8988        15290         3373         3860
             POINT SOURCES             22094       375226       119566         1867         6056

    INTERNAL COMBUSTION (POINT)

       ELECTRIC GENERATION

          DISTILLATE OIL                  77          431         1109           85          245
          NATURAL GAS                      1            0           43            4           12
          TOTAL (ELEC GEN)                78          431         1152           89          257

       INDUSTRIAL FUEL

          DISTILLATE OIL                  15           14          139            4           35
          NATURAL GAS                      2            0          621          235           80
          TOTAL (INDUSTRIAL)              17           14          760          239          115

       ENGINE-TESTING

          TOTAL (ENG TESTNG)              51           56           63          201          143

       TOTAL (INTERNAL COMB)             146          501         1975          529          515

    TOTAL (FUEL COMBUSTION)

             AREA SOURCES               2082         8988        15290         3373         3860
             POINT SOURCES             22240       375727       121541         2396         6571

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING               841         2375          825         1188            0
    FOOD/AGRICULTURAL                    431            0            1         4125            0
    PRIMARY METAL                       1267         3642           92           14         3731
    SECONDARY METALS                    1076            0            7           12         6395
    MINERAL PRODUCTS                   19496         2155         2659          129          308
    PETROLEUM INDUSTRY                   296         1301         1110         1915          130
    WOOD PRODUCTS                         51            0            0            0            0
    ORGANIC SOLVENT EVAPORATION           39            0            0        16900            0
    PETROLEUM STORAGE/TRANSPORT            0            0            0         3452            0
    METAL FABRICATION                     17            0            0            0            0
    OTHER/NOT CLASSIFIED                   4            0            1            0            0
    TOTAL (INDUSTRIAL)                 23518         9473         4695        27735        10564

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       MUNICIPAL INCINERATION            833          136          163          109         1910
       OTHER INCINERATION                132           31          160           31            0
       TOTAL (GOVERNMENT)                965          167          323          140         1910
```

```
*** G06 ***                                                                                         *** G06 ***
               AREA SOURCES                637           40          133         1067         3232
               POINT SOURCES                 1            0            0            0            0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES           2358          109         2721         3795        32054
            LIGHT DUTY TRUCKS              705           47         1076         1331        10009
            HEAVY DUTY VEHICLES            216           24          811          849        11606
            OFF HIGHWAY                     38           20          385         1384        14830
            TOTAL (GASOLINE)              3317          200         4993         7359        68499

        DIESEL

            HEAVY DUTY VEHICLES            848          409         4048          494         1384
            OFF HIGHWAY                     95           79          958          141          283
            RAIL                            54          124          802          203          281
            TOTAL (DIESEL)                 997          612         5808          838         1948

    AIRCRAFT

        MILITARY                            33            3           20           58          105
        CIVIL                                0            0            0           14          588
        COMMERCIAL                           4            8           77           86          193
        TOTAL (AIRCRAFT)                    37           11           97          158          886

    VESSELS

        DIESEL FUEL                          0            0            2            1            1
        GASOLINE                             0            1            4          152          478
        TOTAL (VESSELS)                      0            1            6          153          479

    TOTAL (TRANSPORTATION)                4351          824        10904         8508        71812

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                        30            0            7           41          246
    STRUCTURAL FIRES                        51            0            6           38          207
    GASOLINE STA EVAP LOSS                   0            0            0         1061            0
    SOLVENT EVAPORATION LOSS                 0            0            0         5295            0
    UNPAVED ROADS                        61609            0            0            0            0
    TOTAL (MISCELLANEOUS)                61690            0           13         6435          453

GRAND TOTAL
***********

    AREA SOURCES                         67126         3082        13035        16386        75948

    POINT SOURCES                         9605        31851        25362          704         1401

    TOTAL                                76731        34933        38397        17090        77349
```

```
                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

AQCR EMISSIONS REPORT                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
*****************************                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:120 METROPOLITAN PROVIDENCE                      POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                              PARTICULATES       SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                 8             19              2              2             66
         DISTILLATE OIL                440           5072           3169            177            881
         NATURAL GAS                   154              9           1229            123            307
         WOOD                          335              7             14             67           2412
         TOTAL (RESIDENTIAL)           937           5107           4414            369           3666

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              3185           1862            735              7             24
         RESIDUAL OIL                 8699          83453          56531            538           2685
         DISTILLATE OIL                 10            225            156              5             26
         NATURAL GAS                    10              1            508              1             14
         TOTAL (ELEC GEN)            11904          85541          57930            551           2749

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                48            325             96              2              6
         RESIDUAL OIL
            AREA SOURCES                27            143             90              1              8
            POINT SOURCES              349           4444           1726             32            137
         DISTILLATE OIL
            AREA SOURCES                36            354            429             23             61
            POINT SOURCES                1             60              8              0              1
         NATURAL GAS
            AREA SOURCES                40              2            849             69             86
            POINT SOURCES                5              0             95              1              9
         TOTAL (INDUSTRIAL)
            AREA SOURCES               151            824           1464             95            161
            POINT SOURCES              355           4504           1829             33            147

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                10             25             10              0              1
         BITUMINOUS COAL
            POINT SOURCES              272             62             35              2              5
         RESIDUAL OIL
            AREA SOURCES                30            249            104              2              9
            POINT SOURCES              145           1779            774             24             54
         DISTILLATE OIL
            AREA SOURCES               106           1518           1161             53            265
```

```
          ON SITE INCINERATION
                    AREA SOURCES            64              17              33              38              90
                    POINT SOURCES           10               0               0               6               8
          OPEN BURNING
                    AREA SOURCES             7               0               0              14              28
          TOTAL  (COMM-INST)
                    AREA SOURCES            71              17              33              52             118
                    POINT SOURCES           10               0               0               6               8

     INDUSTRIAL

          ON SITE INCINERATION
                    AREA SOURCES            23               3               3              21              32
                    POINT SOURCES            2               0               0               2               2
          OPEN BURNING
                    AREA SOURCES            10               0               2              15              60
          TOTAL  (INDUSTRIAL)
                    AREA SOURCES            33               3               5              36              92
                    POINT SOURCES            2               0               0               2               2

     TOTAL  (SOLID WASTE DISP)
                    AREA SOURCES          2942             106             593            5032           15512
                    POINT SOURCES           12               0               0               8              10

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES       16371             859           21786           28397          234077
               LIGHT DUTY TRUCKS          4936             376            8882           10320           74980
               HEAVY DUTY VEHICLES        1363             151            5486            5585           76139
               OFF HIGHWAY                 305             161            2990           10765          115437
               TOTAL  (GASOLINE)         22975            1547           39144           55067          500633

          DIESEL

               HEAVY DUTY VEHICLES        2916            1481           15227            1799            4940
               OFF HIGHWAY                1019             857           10298            1513            3050
               RAIL                        241             542            3503             888            1231
               TOTAL  (DIESEL)            4176            2880           29028            4200            9221

     AIRCRAFT

          MILITARY                          36               3              22              64             115
          CIVIL                              0               0               2              84            3734
          COMMERCIAL                         7              15             138             154             345
          TOTAL  (AIRCRAFT)                 43              18             162             302            4194

     VESSELS

          GASOLINE                           0              17              74            2998            9416
          TOTAL  (VESSELS)                   0              17              74            2998            9416

     TOTAL  (TRANSPORTATION)             27194            4462           68408           62567          523464

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                       46               0              10              64             373
     STRUCTURAL  FIRES                     320               0              40             236            1290
     GASOLINE STA EVAP LOSS                  0               0               0            6347               0
     SOLVENT EVAPORATION LOSS                0               0               0           33337               0
     UNPAVED ROADS                      283101               0               0               0               0
```

```
*** 610 ***
GRAND TOTAL
***********

    AREA SOURCES                        216981         24950        111178        201921        773177
    POINT SOURCES                       226940        342807         73093         19645        113641
    TOTAL                               443921        367757        184271        221566        886818
```

```
*** G12 ***                                                                                        *** G12 ***
            BITUMINOUS COAL
                AREA SOURCES              12          10           5           0           0
            RESIDUAL OIL
                AREA SOURCES             252        2857         881          14          75
                POINT SOURCES             11         123          29           0           2
            DISTILLATE OIL
                AREA SOURCES              48        1672         526          23         120
                POINT SOURCES              9          91          91           2           5
            NATURAL GAS
                AREA SOURCES              60           1         710          46         119
                POINT SOURCES              6           0          85           2          10
            WOOD
                AREA SOURCES               6           1           6           1           1
            TOTAL (COMM-INST)
                AREA SOURCES             378        4541        2128          84         315
                POINT SOURCES             26         214         205           4          17

         TOTAL (EXTERNAL COMB)
                AREA SOURCES            5161       12906       17207        5204       28808
                POINT SOURCES          17105       33690       59800        4523        6167

      INTERNAL COMBUSTION (POINT)

         ELECTRIC GENERATION

            DISTILLATE OIL                 8           0          40           2           2
            NATURAL GAS                    9           3         199           0          80
            TOTAL (ELEC GEN)              17           3         239           2          82

         TOTAL (INTERNAL COMB)            17           3         239           2          82

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES            5161       12906       17207        5204       28808
                POINT SOURCES          17122       33693       60039        4525        6249

   INDUSTRIAL PROCESS (POINT)
   **************************

      CHEMICAL MANUFACTURING            5552          91          32        1343        8842
      FOOD/AGRICULTURAL                  886           0           1           6          16
      PRIMARY METAL                     2596         959         181        1304       41274
      SECONDARY METALS                   981        3121          40         121         527
      MINERAL PRODUCTS                  2753         192          87         108           2
      PETROLEUM INDUSTRY                   1           0           0           1           0
      WOOD PRODUCTS                     9685        4714       11642       14601       10371
      ORGANIC SOLVENT EVAPORATION         95           0           2        5058           1
      PETROLEUM STORAGE/TRANSPORT          0           0           0        6512           0
      METAL FABRICATION                   15           0           0           2           0
      OTHER/NOT CLASSIFIED              2744        1903        1077         402         110
      TOTAL (INDUSTRIAL)               25308       10980       13062       29458       61143

   SOLID WASTE DISPOSAL
   ********************

      GOVERNMENT (POINT)

         MUNICIPAL INCINERATION           32           0          66          13          13
         OPEN BURNING                     85           6          31         159         451
         OTHER INCINERATION               15           0           9           1           0
         TOTAL (GOVERNMENT)              132           6         106         173         464

      RESIDENTIAL (AREA)

         ON SITE INCINERATION           2796          45          87        7865       23596
```

```
*** H01 ***                                                                                        *** H01 ***
                  POINT SOURCES          5              0               87             2              10
              LIQUID PETROL GAS
                  POINT SOURCES          1              0                5             0               1
              TOTAL (COMM-INST)
                  AREA SOURCES          26            103              266            14              47
                  POINT SOURCES         22            352              153             4              20

          TOTAL (EXTERNAL COMB)
                  AREA SOURCES        1505            428             2038           569           10197
                  POINT SOURCES      13399          33597            18651           603            1265

      INTERNAL COMBUSTION (POINT)

          INDUSTRIAL FUEL

              DISTILLATE OIL            19             17              262            21              57
              NATURAL GAS                1              0              896           369             628
              TOTAL (INDUSTRIAL)        20             17             1158           390             685

          TOTAL (INTERNAL COMB)         20             17             1158           390             685

      TOTAL (FUEL COMBUSTION)

                  AREA SOURCES        1505            428             2038           569           10197
                  POINT SOURCES      13419          33614            19809           993            1950

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING           602           1975             2489           646               0
      FOOD/AGRICULTURAL                 70              0                0             0               0
      PRIMARY METAL                    386            118                0             0               0
      SECONDARY METALS                  28            163              143             0               0
      MINERAL PRODUCTS               11042           3586              546             0               0
      WOOD PRODUCTS                   1209            899              285           400            6466
      ORGANIC SOLVENT EVAPORATION        0              0                0           346               0
      PETROLEUM STORAGE/TRANSPORT        0              0                0            27               0
      TEXTILE MANUFACTURING              0              0                0           374               0
      TOTAL (INDUSTRIAL)             13337           6741             3463          1793            6466

SOLID WASTE DISPOSAL
********************

      RESIDENTIAL (AREA)

          ON SITE INCINERATION         148              2                4           416            1250
          OPEN BURNING                1149             43              294          1547            4907
          TOTAL (RESIDENTIAL)         1297             45              298          1963            6157

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                  AREA SOURCES          11              3                6             7              17
          OPEN BURNING
                  AREA SOURCES           8              0                3            17              43
          TOTAL (COMM-INST)
                  AREA SOURCES          19              3                9            24              60

      INDUSTRIAL

          ON SITE INCINERATION
                  POINT SOURCES        124             11               18           169            1373
          OPEN BURNING
                  AREA SOURCES          41              1               13            68             249
          TOTAL (INDUSTRIAL)
                  AREA SOURCES          41              1               13            68             249
```

```
*** H02 ***                                                                                                    *** H02 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                               RUN DATE:  TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:065 BURLINGTON-KEOKUK

                                PARTICULATES           SOX              NOX              HC               CO
                                ************      ************     ************     ************     ************
                                 TONS / YR         TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                  16                76                1               16               80
         DISTILLATE OIL                   18               193              121                8               33
         NATURAL GAS                     166                10             1332              134              334
         WOOD                             14                 0                0                3               99
         TOTAL (RESIDENTIAL)             214               279             1454              161              546

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               12555            158572           123830             1340             4476
         RESIDUAL OIL                    288              3091             2432               23              114
         DISTILLATE OIL                    0                23               11                0                2
         NATURAL GAS                     447             21794            45223                0                5
         TOTAL (ELEC GEN)              13290            183480           171496             1363             4597

      INDUSTRIAL FUEL


         ANTHRACITE COAL
             POINT SOURCES                15                 0                0                0                0
         BITUMINOUS COAL
             AREA SOURCES                495              3055              774               24               48
             POINT SOURCES              2129             17220             4828              138              329
         LIGNITE
             POINT SOURCES                67               103               22                0                1
         RESIDUAL OIL
             AREA SOURCES                  8               113               29                0                3
             POINT SOURCES                23               507              162                3               11
         DISTILLATE OIL
             AREA SOURCES                  2                22               27                2                4
             POINT SOURCES               125              1259             1197               64              117
         NATURAL GAS
             AREA SOURCES                 31                 1             1620              465              199
             POINT SOURCES                67                 4             2953              208              113
         TOTAL (INDUSTRIAL)
             AREA SOURCES                536              3191             2450              491              254
             POINT SOURCES              2426             19093             9162              413              571

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
             AREA SOURCES                 25                64               29                0                1
             POINT SOURCES                57               146                1                0                0
```

```
        DISTILLATE OIL
            AREA SOURCES               7          118           90            2           19
            POINT SOURCES              0            6            3            0            0
        NATURAL GAS
            AREA SOURCES              52            2          609           42          102
            POINT SOURCES              0            0            6            0            0
        TOTAL (COMM-INST)
            AREA SOURCES             219          995          917           50          144
            POINT SOURCES              0            6            9            0            0

    TOTAL (EXTERNAL COMB)
            AREA SOURCES            1003         5347         5391          978          946
            POINT SOURCES          10925       118335        43397          757         1767

  INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL              72           67         1709           92          571
          NATURAL GAS                 10            0          306           31           85
          OTHER                       76            0            0            0            0
          TOTAL (ELEC GEN)           158           67         2015          123          656

      INDUSTRIAL FUEL

          DISTILLATE OIL              12            0          166           14           38
          NATURAL GAS                  0            0         1177            0            0
          TOTAL (INDUSTRIAL)          12            0         1343           14           38

    TOTAL (INTERNAL COMB)            170           67         3358          137          694

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES            1003         5347         5391          978          946
            POINT SOURCES          11095       118402        46755          894         2461

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING            2100            0          174         1173            0
  FOOD/AGRICULTURAL                 8639            0            0            2           13
  PRIMARY METAL                      268            0            0            0        24881
  SECONDARY METALS                  1098            0            5            0         3221
  MINERAL PRODUCTS                  5238         2061          525            0            0
  WOOD PRODUCTS                      146            0            0            0            0
  ORGANIC SOLVENT EVAPORATION         14            0            0         6869            0
  PETROLEUM STORAGE/TRANSPORT        303            0            0           74            0
  METAL FABRICATION                   66          140           35            1            2
  OTHER/NOT CLASSIFIED                 1            0            0            0            0
  TOTAL (INDUSTRIAL)               17873         2201          739         8119        28117

SOLID WASTE DISPOSAL
********************

  GOVERNMENT (POINT)

      OTHER INCINERATION               2            0            0            0            0
      TOTAL (GOVERNMENT)               2            0            0            0            0

  RESIDENTIAL (AREA)

      ON SITE INCINERATION           663            9           21         1863         5588
      OPEN BURNING                  1022           37          262         1379         4375
      TOTAL (RESIDENTIAL)           1685           46          283         3242         9963

  COMMERCIAL-INSTITUTIONAL
```

```
                                                                                                   *** H04 ***
*** H04 ***
        OPEN BURNING
                AREA SOURCES               1              0              0              2              4
        TOTAL (COMM-INST)
                AREA SOURCES              18              5              8             12             27

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES              11              2              2             10             14
                POINT SOURCES              6             10              0              0              0
        OPEN BURNING
                AREA SOURCES               6              0              2             10             35
        TOTAL (INDUSTRIAL)
                AREA SOURCES              17              2              4             20             49
                POINT SOURCES              6             10              0              0              0

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES            1421             45            222           2849           8693
                POINT SOURCES             74             11             21              0              0

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES         7089            268           6514           9673          87750
            LIGHT DUTY TRUCKS           1424             75           1726           2386          19143
            HEAVY DUTY VEHICLES          393             33           1131           1504          20413
            OFF HIGHWAY                   70             36            687           2472          26524
            TOTAL (GASOLINE)            8976            412          10058          16035         153830

        DIESEL

            HEAVY DUTY VEHICLES          735            322           3304            465           1284
            OFF HIGHWAY                  239            201           2420            356            716
            RAIL                         167            380           2478            629            871
            TOTAL (DIESEL)              1141            903           8202           1450           2871

    AIRCRAFT

        MILITARY                          58              6             35            101            183
        CIVIL                              2              0              3             50           2276
        COMMERCIAL                         5             11            109            121            270
        TOTAL (AIRCRAFT)                  65             17            147            272           2729

    VESSELS

        GASOLINE                           0              2              6            242            759
        TOTAL (VESSELS)                    0              2              6            242            759

    TOTAL (TRANSPORTATION)             10182           1334          18413          17999         160189

MISCELLANEOUS (AREA)
********************

    STRUCTURAL FIRES                     158              0             18            118            643
    GASOLINE STA EVAP LOSS                 0              0              0           2903              0
    SOLVENT EVAPORATION LOSS               0              0              0          31827              0
    UNPAVED ROADS                      21107              0              0              0              0
    TOTAL (MISCELLANEOUS)              21265              0             18          34848            643

GRAND TOTAL
***********
```

```
                                                                                                              *** H05 ***
*** H05 ***
   RESIDENTIAL (AREA)

      ON SITE INCINERATION              1125              17              34             3163             9493
      OPEN BURNING                      2225              84             570             2999             9513
      TOTAL (RESIDENTIAL)               3350             101             604             6162            19006

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES               272              86             130              156              372
              POINT SOURCES                2               2               4                0                3
      OPEN BURNING
              AREA SOURCES                 9               0               2               17               42
      TOTAL (COMM-INST)
              AREA SOURCES               281              86             132              173              414
              POINT SOURCES                2               2               4                0                3

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               229              47              47              207              305
              POINT SOURCES               70               7              17               67              201
      OPEN BURNING
              AREA SOURCES               115               4              39              199              703
      TOTAL (INDUSTRIAL)
              AREA SOURCES               344              51              86              406             1008
              POINT SOURCES               70               7              17               67              201

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES              3975             238             822             6741            20428
              POINT SOURCES             1037             176             344              207             2114

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           35102            1206           28821            45152           414833
         LIGHT DUTY TRUCKS              4764             249            5459             7283            58139
         HEAVY DUTY VEHICLES            1641             128            4088             5795            79710
         OFF HIGHWAY                     100              51             986             3543            38003
         TOTAL (GASOLINE)              41607            1634           39354            61773           590685

      DIESEL

         HEAVY DUTY VEHICLES            4552            1819           17862             2684             7615
         OFF HIGHWAY                     376             316            3817              563             1130
         RAIL                            238             539            3500              888             1230
         TOTAL (DIESEL)                 5166            2674           25179             4135             9975

   AIRCRAFT

      MILITARY                             7               0               4               11               20
      CIVIL                                1               0               2               44             2105
      COMMERCIAL                          22              49             458              512             1142
      TOTAL (AIRCRAFT)                    30              49             464              567             3267

   VESSELS

      DIESEL FUEL                        160             201            1496              392              524
      GASOLINE                             0               3              10              504             1581
      TOTAL (VESSELS)                    160             204            1506              896             2105

   TOTAL (TRANSPORTATION)              46963            4561           66503            67371           606032
```

```
                                                   NATIONAL EMISSIONS DATA SYSTEM
                                                   ******************************

                                                   ENVIRONMENTAL PROTECTION AGENCY
                                                   *******************************

                                                                                   RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                                  AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*********************                                                 POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS

                                    PARTICULATES        SOX          NOX          HC           CO
                                    ************   ************ ************ ************ ************
                                     TONS / YR      TONS / YR    TONS / YR    TONS / YR    TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL                1            40           19            0            3
            NATURAL GAS                 425            19         3400          344          853
            WOOD                        558             9           21          117         3969
            TOTAL (RESIDENTIAL)         984            68         3440          461         4825

        ELEC GENERATION (POINT)

            RESIDUAL OIL               2611         36996        33098          273         1367
            DISTILLATE OIL               77          1022         8827           32          162
            NATURAL GAS                2280           774       127191          297         3633
            OTHER                       704            25          283           33           33
            TOTAL (ELEC GEN)           5672         38817       169399          635         5195

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            895          6663         1632           45          102
            RESIDUAL OIL
                AREA SOURCES            438          7345         1513           23          127
                POINT SOURCES          2393         26216        14456          209         1267
            DISTILLATE OIL
                AREA SOURCES             23           304          247           12           35
                POINT SOURCES          2597         38632        13459          192          837
            NATURAL GAS
                AREA SOURCES            780            43       189614        75675        25770
                POINT SOURCES          8769          4018       194586         2856         6944
            PROCESS GAS
                POINT SOURCES           232          9436         7075           35           53
            WOOD
                POINT SOURCES         21318          1341         7986         1522         1843
            LIQUID PETROL GAS
                POINT SOURCES            20           552           71            3           15
            BAGASSE
                POINT SOURCES          7600             0         1608         2204         2075
            OTHER
                POINT SOURCES           621            23           23            9            9
            TOTAL (INDUSTRIAL)
                AREA SOURCES           2136         14355       193006        75755        26034
                POINT SOURCES         43550         80218       239264         7030        13043

        COMM-INSTITUTIONAL FUEL

            RESIDUAL OIL
```

```
                                                                                                  *** H08 ***
*** H08 ***
               POINT SOURCES              0          5          3          0          1
         NATURAL GAS
               AREA SOURCES              51          2        606         40        102
               POINT SOURCES              3          0         99          0          5
         TOTAL (COMM-INST)
               AREA SOURCES             197       1794       1881         95        377
               POINT SOURCES            420       1846        911         26         65

      TOTAL (EXTERNAL COMB)
               AREA SOURCES            1285       7725       7759        559       4204
               POINT SOURCES          12679      91891      60670        610       2961

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL                 10          9        138         11         30
          NATURAL GAS                     2          0        753        310         95
          DIESEL                          9          9        127         10         28
          OTHER                           2          3         33          3          7
          TOTAL (ELEC GEN)               23         21       1051        334        160

      TOTAL (INTERNAL COMB)              23         21       1051        334        160

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES            1285       7725       7759        559       4204
               POINT SOURCES          12702      91912      61721        944       3121

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                 0          0          0        400          0
   SECONDARY METALS                     112          0          2          0       2056
   MINERAL PRODUCTS                     857        670       1041         19         34
   ORGANIC SOLVENT EVAPORATION            0          0          0      11397          0
   PETROLEUM STORAGE/TRANSPORT            0          0          0       5350          0
   TEXTILE MANUFACTURING                  0          0          0       2737          0
   TOTAL (INDUSTRIAL)                   969        670       1043      19903       2090

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

        MUNICIPAL INCINERATION          231         48         38         37        660
        TOTAL (GOVERNMENT)              231         48         38         37        660

   RESIDENTIAL (AREA)

        ON SITE INCINERATION            863         13         27       2423       7270
        OPEN BURNING                   2878        107        735       3881      12309
        TOTAL (RESIDENTIAL)            3741        120        762       6304      19579

   COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
               AREA SOURCES              48         14         22         28         67
        OPEN BURNING
               AREA SOURCES               6          0          2         12         30
        TOTAL (COMM-INST)
               AREA SOURCES              54         14         24         40         97

   INDUSTRIAL

        ON SITE INCINERATION
```

TOTAL (MISCELLANEOUS)	283467	0	50	39984	1663
GRAND TOTAL ***********					
AREA SOURCES	315544	8782	77641	109152	550853
POINT SOURCES	35710	102063	22975	25623	5369
TOTAL	351254	110845	100616	134775	556222

```
                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************

                                                                        RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                       AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*****************************                              POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN

                              PARTICULATES        SOX           NOX           HC            CO
                              ************  ************  ************  ************  ************
                               TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

  EXTERNAL COMBUSTION

    RESIDENTIAL FUEL (AREA)

      ANTHRACITE COAL                  251           675            76            64          2280
      DISTILLATE OIL                   122          1406           879            49           245
      NATURAL GAS                      248            16          1962           195           491
      WOOD                             965            19            40           193          6948
      TOTAL (RESIDENTIAL)             1586          2116          2957           501          9964

    ELEC GENERATION (POINT)

      BITUMINOUS COAL                 8162        217990         48123           617          2050
      RESIDUAL OIL                     125          1689           834             7            35
      OTHER                              7             2             7             4             7
      TOTAL (ELEC GEN)                8294        219681         48964           628          2092

    INDUSTRIAL FUEL

      BITUMINOUS COAL
         AREA SOURCES                  584          3931           941            27            60
         POINT SOURCES               50482        101794         23336           592          1404
      RESIDUAL OIL
         POINT SOURCES                 200          2516          1225            27           109
      DISTILLATE OIL
         AREA SOURCES                   68           672           821            43           118
         POINT SOURCES                  16            90            66             3             8
      NATURAL GAS
         AREA SOURCES                  207            12         13013          4057          1646
         POINT SOURCES                 776            84         10579           603          1582
      PROCESS GAS
         POINT SOURCES                 302          8818           258             0            24
      WOOD
         POINT SOURCES                 181            22           139            32            38
      LIQUID PETROL GAS
         POINT SOURCES                   0             0             1             0             0
      TOTAL (INDUSTRIAL)
         AREA SOURCES                  859          4615         14775          4127          1824
         POINT SOURCES               51957        113324         35604          1257          3165

    COMM-INSTITUTIONAL FUEL

      ANTHRACITE COAL
         AREA SOURCES                  244           577           251             0            21
         POINT SOURCES                  24            12             4             0             2
      BITUMINOUS COAL
```

OPEN BURNING	2704	101	691	3643	11561
TOTAL (RESIDENTIAL)	5500	146	778	11508	35157
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	17	3	8	10	23
POINT SOURCES	47	29	18	18	23
OPEN BURNING					
AREA SOURCES	9	0	2	16	38
TOTAL (COMM-INST)					
AREA SOURCES	26	3	10	26	61
POINT SOURCES	47	29	18	18	23
INDUSTRIAL					
ON SITE INCINERATION					
AREA SOURCES	11	1	1	11	16
POINT SOURCES	551	30	197	584	6566
OPEN BURNING					
AREA SOURCES	40	0	12	65	235
POINT SOURCES	9	0	2	12	70
TOTAL (INDUSTRIAL)					
AREA SOURCES	51	1	13	76	251
POINT SOURCES	560	30	199	596	6636
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	5577	150	801	11610	35469
POINT SOURCES	739	65	323	787	7123
TRANSPORTATION (AREA) *********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	40112	1475	35945	58824	514862
LIGHT DUTY TRUCKS	12354	654	14968	21028	164870
HEAVY DUTY VEHICLES	1550	124	4087	5713	77257
OFF HIGHWAY	146	75	1434	5166	55413
TOTAL (GASOLINE)	54162	2328	56434	90731	812402
DIESEL					
HEAVY DUTY VEHICLES	7172	3052	29804	4230	12091
OFF HIGHWAY	983	824	9940	1460	2942
RAIL	1146	2608	16936	4301	5949
TOTAL (DIESEL)	9301	6484	56680	9991	20982
AIRCRAFT					
MILITARY	141	13	85	248	447
CIVIL	8	3	10	167	7611
COMMERCIAL	31	67	626	700	1563
TOTAL (AIRCRAFT)	180	83	721	1115	9621
VESSELS					
DIESEL FUEL	230	289	2155	566	755
RESIDUAL OIL	160	2114	348	25	12
GASOLINE	0	17	67	2612	8211
TOTAL (VESSELS)	390	2420	2570	3203	8978
TOTAL (TRANSPORTATION)	64033	11315	116405	105040	851983

POINT SOURCES	124	11	18	169	1373
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1357	49	320	2055	6466
POINT SOURCES	124	11	18	169	1373
TRANSPORTATION (AREA) **********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	9656	479	11277	14740	120554
LIGHT DUTY TRUCKS	1926	141	3119	3659	25941
HEAVY DUTY VEHICLES	508	54	1785	1939	26432
OFF HIGHWAY	47	25	484	1741	18680
TOTAL (GASOLINE)	12137	699	16665	22079	191607
DIESEL					
HEAVY DUTY VEHICLES	1411	728	6749	762	2244
OFF HIGHWAY	378	317	3814	561	1130
RAIL	68	158	1013	258	357
TOTAL (DIESEL)	1857	1203	11576	1581	3731
AIRCRAFT					
MILITARY	31	3	19	56	100
CIVIL	0	0	0	20	989
COMMERCIAL	3	7	64	71	159
TOTAL (AIRCRAFT)	34	10	83	147	1248
VESSELS					
GASOLINE	0	13	49	1960	6155
TOTAL (VESSELS)	0	13	49	1960	6155
TOTAL (TRANSPORTATION)	14028	1925	28373	25767	202741
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	933	6	220	1317	7678
FOREST MANAGED BURNING	5498	43	1098	4949	30789
AGRICULTURAL BURNING	641	0	89	757	4213
STRUCTURAL FIRES	148	0	18	110	603
GASOLINE STA EVAP LOSS	0	0	0	3241	0
SOLVENT EVAPORATION LOSS	0	0	0	23148	0
UNPAVED ROADS	64127	0	0	0	0
TOTAL (MISCELLANEOUS)	71347	49	1425	33522	43283
GRAND TOTAL ***********					
AREA SOURCES	88237	2451	32156	61913	262687
POINT SOURCES	26880	40366	23290	2955	9789
TOTAL	115117	42817	55446	64868	272476

BITUMINOUS COAL					
AREA SOURCES	28	96	17	2	4
POINT SOURCES	4	28	2	1	3
RESIDUAL OIL					
AREA SOURCES	54	731	184	2	14
POINT SOURCES	32	429	163	3	13
DISTILLATE OIL					
AREA SOURCES	5	92	70	2	16
POINT SOURCES	0	65	0	0	0
NATURAL GAS					
AREA SOURCES	52	2	627	42	105
POINT SOURCES	3	0	55	1	5
TOTAL (COMM-INST)					
AREA SOURCES	164	985	927	48	140
POINT SOURCES	96	668	221	5	21
TOTAL (EXTERNAL COMB)					
AREA SOURCES	914	4455	4831	700	940
POINT SOURCES	15812	203241	180879	1781	5189
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	0	1	11	1	2
TOTAL (ELEC GEN)	0	1	11	1	2
INDUSTRIAL FUEL					
DISTILLATE OIL	10	20	137	18	63
TOTAL (INDUSTRIAL)	10	20	137	18	63
TOTAL (INTERNAL COMB)	10	21	148	19	65
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	914	4455	4831	700	940
POINT SOURCES	15822	203262	181027	1800	5254
INDUSTRIAL PROCESS (POINT)					
**************************					
CHEMICAL MANUFACTURING	2604	6783	267	358	0
FOOD/AGRICULTURAL	9936	0	0	2	0
PRIMARY METAL	20547	0	0	0	0
SECONDARY METALS	911	149	280	25	304
MINERAL PRODUCTS	1564	72	4	307	0
WOOD PRODUCTS	22	0	0	0	0
ORGANIC SOLVENT EVAPORATION	53	0	90	14851	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1791	0
METAL FABRICATION	75	0	352	89	0
OTHER/NOT CLASSIFIED	473	20	42	0	0
TOTAL (INDUSTRIAL)	36185	7024	1035	17423	304
SOLID WASTE DISPOSAL					
********************					
GOVERNMENT (POINT)					
OPEN BURNING	4	0	2	8	23
TOTAL (GOVERNMENT)	4	0	2	8	23
RESIDENTIAL (AREA)					
ON SITE INCINERATION	846	13	26	2383	7149
OPEN BURNING	1044	38	267	1409	4468

```
      ON SITE INCINERATION
              AREA SOURCES          94          29          45          54         129
      TOTAL (COMM-INST)
              AREA SOURCES          94          29          45          54         129

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES          47           9           9          42          61
              POINT SOURCES          1          15          21          27         126
      TOTAL (INDUSTRIAL)
              AREA SOURCES          47           9           9          42          61
              POINT SOURCES          1          15          21          27         126

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES        1826          84         337        3338       10153
              POINT SOURCES          3          15          21          27         126

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES    10336         394        9485       13934      125984
          LIGHT DUTY TRUCKS       2388         133        2961        3943       31314
          HEAVY DUTY VEHICLES      607          55        1892        2304       31451
          OFF HIGHWAY               83          44         822        2963       31772
          TOTAL (GASOLINE)       13414         626       15160       23144      220521

      DIESEL

          HEAVY DUTY VEHICLES     1655         720        7204         994        2779
          OFF HIGHWAY              247         206        2488         367         737
          RAIL                     174         396        2579         656         907
          TOTAL (DIESEL)          2076        1322       12271        2017        4423

   AIRCRAFT

      MILITARY                      16           2           9          28          51
      CIVIL                          0           0           1          30        1313
      COMMERCIAL                     7          16         148         158         370
      TOTAL (AIRCRAFT)              23          18         158         216        1734

   VESSELS

      DIESEL FUEL                   15          19         138          36          48
      GASOLINE                       0          20          75        3038        9545
      TOTAL (VESSELS)               15          39         213        3074        9593

   TOTAL (TRANSPORTATION)        15528        2005       27802       28451      236271

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                  5           0           1           6          36
   STRUCTURAL FIRES                161           0          20         120         652
   GASOLINE STA EVAP LOSS            0           0           0        3080           0
   SOLVENT EVAPORATION LOSS          0           0           0       29396           0
   UNPAVED ROADS                 56053           0           0           0           0
   UNPAVED AIRSTRIPS                 3           0           0           0           0
   TOTAL (MISCELLANEOUS)         56222           0          21       32602         688

GRAND TOTAL
```

```
*** I04 ***
  AREA SOURCES            33460      4303     22259     56074    170111

  POINT SOURCES            5363     17457      9936     18782      3181

  TOTAL                   38823     21760     32195     74856    173292
```

```
*** I05 ***
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     24          0          4         31        190
    STRUCTURAL FIRES                    471          1         54        354       1928
    GASOLINE STA EVAP LOSS                0          0          0       8306          0
    SOLVENT EVAPORATION LOSS              0          0          0      55060          0
    UNPAVED ROADS                      4787          0          0          0          0
    TOTAL (MISCELLANEOUS)              5282          1         58      63751       2118

GRAND TOTAL
***********

    AREA SOURCES                      58302      13788      82673     141236     632438

    POINT SOURCES                     46795     385376     126580      30338      19249

    TOTAL                            105097     399164     209253     171574     651687
```

```
*** I06 ***                                                                                                   *** I06 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                             AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                     POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:087 METROPOLITAN SIOUX FALLS

                                 PARTICULATES          SOX             NOX             HC              CO
                                 ************     ************    ************    ************    ************
                                  TONS / YR        TONS / YR       TONS / YR       TONS / YR       TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL               0                1               0               0               1
            DISTILLATE OIL                9               97              61               3              17
            NATURAL GAS                  22                1             173              18              44
            WOOD                         33                0               1               7             234
            TOTAL (RESIDENTIAL)          64               99             235              28             296

        ELEC GENERATION (POINT)

            BITUMINOUS COAL             667             3503             425              17              39
            RESIDUAL OIL                  5               62             691               0               2
            NATURAL GAS                   0                0             320               0               1
            TOTAL (ELEC GEN)            672             3565            1436              17              42

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            122              355             186               5              11
            RESIDUAL OIL
                AREA SOURCES              0                1               0               0               0
                POINT SOURCES            24              324               0               1               6
            DISTILLATE OIL
                AREA SOURCES              1               12              16               1               2
            NATURAL GAS
                AREA SOURCES              0                0              38              15               5
                POINT SOURCES             0                0              57               0               0
            TOTAL (INDUSTRIAL)
                AREA SOURCES            123              368             240              21              18
                POINT SOURCES            24              324              57               1               6

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              1                2               1               0               0
            BITUMINOUS COAL
                AREA SOURCES              2                6               1               0               0
            RESIDUAL OIL
                AREA SOURCES              0               16               5               0               0
            DISTILLATE OIL
                AREA SOURCES              0                9               7               0               2
                POINT SOURCES             9              348             102               5              23
            NATURAL GAS
                AREA SOURCES             15                1             179              12              29
```

```
                                                                                                                 *** 107 ***
*** 107 ***
          AREA SOURCES                   2205          45159          7754           127            645
          POINT SOURCES                   298            816          1159             1             21
       DISTILLATE OIL
          AREA SOURCES                    135           2004          1498            61            341
          POINT SOURCES                    17            758           195             2             45
       NATURAL GAS
          AREA SOURCES                    505             26          6083           409           1020
          POINT SOURCES                     2              0            23             2              4
       TOTAL (COMM-INST)
          AREA SOURCES                   2845          47189         15335           597           2006
          POINT SOURCES                   317           1574          1377             5             70

    TOTAL (EXTERNAL COMB)
          AREA SOURCES                   5965          61612        211781         76813          32865
          POINT SOURCES                 49539         120609        410040          7670          18308

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

       DISTILLATE OIL                      31           1449           274            11            144
       NATURAL GAS                         11              3          2731           389            191
       TOTAL (ELEC GEN)                    42           1452          3005           400            335

    INDUSTRIAL FUEL

       DISTILLATE OIL                      46            699           263            11             37
       NATURAL GAS                        751            165         75519         13989          12075
       GASOLINE                             0              0             3             6            263
       DIESEL FUEL                          3              3            36             2              9
       TOTAL (INDUSTRIAL)                 800            867         75821         14008          12384

    TOTAL (INTERNAL COMB)                 842           2319         78826         14408          12719

  TOTAL (FUEL COMBUSTION)

          AREA SOURCES                   5965          61612        211781         76813          32865
          POINT SOURCES                 50381         122928        488866         22078          31027

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING             30470          43351         21196        329594         863265
     FOOD/AGRICULTURAL                   8232            287           303            11             58
     PRIMARY METAL                      21107           3363           219          6003          51673
     SECONDARY METALS                    1124           3220            11            20           4288
     MINERAL PRODUCTS                   10578          10375          2456            47           9200
     PETROLEUM INDUSTRY                 23049         132616         91904        108037         156621
     WOOD PRODUCTS                      29836           7050          1555           587          41032
     ORGANIC SOLVENT EVAPORATION           16              0             0         22020              0
     PETROLEUM STORAGE/TRANSPORT           20              0             0        144212              0
     METAL FABRICATION                    703              0             0             0              0
     OTHER/NOT CLASSIFIED                 964           5947          1708          4282            252
     TOTAL (INDUSTRIAL)                126079         206209        119352        614813        1126389

SOLID WASTE DISPOSAL
********************

     GOVERNMENT (POINT)

        MUNICIPAL INCINERATION            962            200           160           121           2805
        TOTAL (GOVERNMENT)                962            200           160           121           2805

     RESIDENTIAL (AREA)

        ON SITE INCINERATION             1027             10            27          2902           8696
```

AREA SOURCES	11	1	1	11	14
POINT SOURCES	32	3	8	32	96
OPEN BURNING					
AREA SOURCES	57	2	20	99	348
TOTAL (INDUSTRIAL)					
AREA SOURCES	68	3	21	110	362
POINT SOURCES	32	3	8	32	96
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	3863	137	807	6454	20038
POINT SOURCES	263	51	46	69	756
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	42746	1410	35575	58411	539148
LIGHT DUTY TRUCKS	5125	235	5397	8273	68101
HEAVY DUTY VEHICLES	1477	109	3551	5665	76288
OFF HIGHWAY	83	44	824	2964	31787
TOTAL (GASOLINE)	49431	1798	45347	75313	715324
DIESEL					
HEAVY DUTY VEHICLES	2124	847	8671	1355	3782
OFF HIGHWAY	505	423	5107	751	1511
RAIL	18	42	272	69	96
TOTAL (DIESEL)	2647	1312	14050	2175	5389
AIRCRAFT					
MILITARY	187	18	112	331	598
CIVIL	2	1	4	57	2633
COMMERCIAL	37	82	760	851	1897
TOTAL (AIRCRAFT)	226	101	876	1239	5128
VESSELS					
DIESEL FUEL	56	70	525	137	184
RESIDUAL OIL	27	356	59	4	2
GASOLINE	0	29	113	4569	14352
TOTAL (VESSELS)	83	455	697	4710	14538
TOTAL (TRANSPORTATION)	52387	3666	60970	83437	740379
MISCELLANEOUS (AREA)					
********************					
FOREST WILDFIRES	208	1	48	295	1718
STRUCTURAL FIRES	469	1	57	351	1910
GASOLINE STA EVAP LOSS	0	0	0	6679	0
SOLVENT EVAPORATION LOSS	0	0	0	85012	0
UNPAVED ROADS	2389	0	0	0	0
TOTAL (MISCELLANEOUS)	3066	2	105	92337	3628
GRAND TOTAL					
***********					
AREA SOURCES	60601	11530	69641	182787	768249
POINT SOURCES	13934	92633	62810	20916	5967
TOTAL	74535	104163	132451	203703	774216

```
                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                       ENVIRONMENTAL PROTECTION AGENCY
                                      *********************************

                                                                  RUN DATE:   TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:   TUESDAY        JULY 21, 1981
*****************************                          POINT EMISSIONS AS OF:  THURSDAY         MAY 28, 1981
AQCR:153 EL PASO-LAS CRUCES-ALAMOGORDO

                              PARTICULATES        SOX            NOX             HC              CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                2             34             14              1              3
         NATURAL GAS                  92              5            730             72            182
         WOOD                         97              2              4             19            702
         TOTAL (RESIDENTIAL)         191             41            748             92            887

      ELEC GENERATION (POINT)

         RESIDUAL OIL                 65            770            964              9             45
         NATURAL GAS                 161              7           7324             12             94
         TOTAL (ELEC GEN)            226            777           8288             21            139

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             269           1417            532             14             35
         RESIDUAL OIL
            AREA SOURCES             148           2574            512              8             42
            POINT SOURCES             35            137            335              4              9
         DISTILLATE OIL
            AREA SOURCES               8            122            100              5             14
            POINT SOURCES              0           3145           2359              0              0
         NATURAL GAS
            AREA SOURCES              54              3          11587           4585           1570
            POINT SOURCES             28              0            321              4              7
         PROCESS GAS
            POINT SOURCES              0           1020              0              0              0
         LIQUID PETROL GAS
            POINT SOURCES              0              0              3              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             479           4116          12731           4612           1661
            POINT SOURCES             63           4302           3018              8             16

      COMM-INSTITUTIONAL FUEL

         RESIDUAL OIL
            AREA SOURCES              10            178             35              1              3
         DISTILLATE OIL
            AREA SOURCES               5            121             61              3             14
         NATURAL GAS
            AREA SOURCES              43              2            528             34             89
         TOTAL (COMM-INST)
            AREA SOURCES              58            301            624             38            106
```

```
*** I11 ***                                                                                          *** I11 ***
            POINT SOURCES                350          562          192           13           26
        RESIDUAL OIL
            AREA SOURCES                  46          332          164            2           13
            POINT SOURCES                 19           62           53            1            5
        DISTILLATE OIL
            AREA SOURCES                  30          422          323           12           73
        NATURAL GAS
            AREA SOURCES                  75            3          905           59          153
            POINT SOURCES                  9            1           20            0            5
        WOOD
            POINT SOURCES                 22           17          115           23           23
        TOTAL (COMM-INST)
            AREA SOURCES                 395         1334         1643           73          260
            POINT SOURCES                424          654          384           37           61

    TOTAL (EXTERNAL COMB)
            AREA SOURCES                2840         8065        19375         4701        12048
            POINT SOURCES              60675       333659        84952         1922         5318

  INTERNAL COMBUSTION (POINT)

    ELECTRIC GENERATION

        DISTILLATE OIL                    13          134          185           15           42
        TOTAL (ELEC GEN)                  13          134          185           15           42

    INDUSTRIAL FUEL

        DISTILLATE OIL                    99          138          331          207          562
        TOTAL (INDUSTRIAL)                99          138          331          207          562

    TOTAL (INTERNAL COMB)                112          272          516          222          604

  TOTAL (FUEL COMBUSTION)

            AREA SOURCES                2840         8065        19375         4701        12048
            POINT SOURCES              60787       333931        85468         2144         5922

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               2044            0            0          907          423
   FOOD/AGRICULTURAL                     102            0            0            0            0
   PRIMARY METAL                       13619        16495         4237         4491        45767
   SECONDARY METALS                     6544          230          179          193         4532
   MINERAL PRODUCTS                    20170         8661         2977          154           29
   PETROLEUM INDUSTRY                    229         2676         1700         3017        24740
   WOOD PRODUCTS                         321          272          139            0         3303
   ORGANIC SOLVENT EVAPORATION            16            0            0         6456            0
   PETROLEUM STORAGE/TRANSPORT             0            0            0         2781            0
   METAL FABRICATION                       6            0            0            4            0
   OTHER/NOT CLASSIFIED                  286            0            0          362            0
   TOTAL (INDUSTRIAL)                  43337        28334         9232        18365        78794

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)

      OTHER INCINERATION                 597           41          212           41            0
      TOTAL (GOVERNMENT)                 597           41          212           41            0

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               561            8           17         1577         4730
      OPEN BURNING                      2985          111          764         4029        12778
```

```
*** I12 ***
MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                     2117          18         497        2987       17431
    FOREST MANAGED BURNING              30299         227        6060       27269      169670
    AGRICULTURAL BURNING                 3431           0         480        4056       22558
    STRUCTURAL FIRES                      494           0          57         371        2011
    GASOLINE STA EVAP LOSS                  0           0           0        9700           0
    SOLVENT EVAPORATION LOSS                0           0           0       57970           0
    UNPAVED ROADS                      519571           0           0           0           0
    UNPAVED AIRSTRIPS                     149           0           0           0           0
    TOTAL (MISCELLANEOUS)              556061         245        7094      102353      211670

GRAND TOTAL
***********

    AREA SOURCES                       630832       24616      141507      224207     1127930

    POINT SOURCES                       43169       44738       73424       34770       74515

    TOTAL                              674001       69354      214931      258977     1202445
```

```
*** J02 ***                                                                                           *** J02 ***
          TOTAL (RESIDENTIAL)                   1890          51         293        3792       11617

     COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                    AREA SOURCES                  34          11          16          19          46
          TOTAL (COMM-INST)
                    AREA SOURCES                  34          11          16          19          46

     INDUSTRIAL

          ON SITE INCINERATION
                    AREA SOURCES                  17           4           4          15          22
                    POINT SOURCES                  3           2           2           2           7
          TOTAL (INDUSTRIAL)
                    AREA SOURCES                  17           4           4          15          22
                    POINT SOURCES                  3           2           2           2           7

     TOTAL (SOLID WASTE DISP)
                    AREA SOURCES                1941          66         313        3826       11685
                    POINT SOURCES                  7           2           4          10          30

TRANSPORTATION (AREA)
*********************

     LAND VEHICLES

          GASOLINE

               LIGHT DUTY VEHICLES             11133         430       10158       14507      131346
               LIGHT DUTY TRUCKS                2828         158        3535        4662       36879
               HEAVY DUTY VEHICLES               872          78        2678        3266       44771
               OFF HIGHWAY                        96          49         941        3395       36393
               TOTAL (GASOLINE)                14929         715       17312       25830      249389

          DIESEL

               HEAVY DUTY VEHICLES              1473         650        6524         897        2504
               OFF HIGHWAY                       284         238        2874         421         851
               RAIL                              211         484        3134         796        1102
               TOTAL (DIESEL)                   1968        1372       12532        2114        4457

     AIRCRAFT

          MILITARY                                41           4          24          73         132
          CIVIL                                    0           0           1          39        1818
          COMMERCIAL                               8          17         160         179         400
          TOTAL (AIRCRAFT)                        49          21         185         291        2350

     VESSELS

          DIESEL FUEL                             15          21         151          41          53
          GASOLINE                                 0          24          92        3711       11654
          TOTAL (VESSELS)                         15          45         243        3752       11707

     TOTAL (TRANSPORTATION)                    16961        2153       30272       31987      267903

MISCELLANEOUS (AREA)
********************

     FOREST WILDFIRES                              4           0           1           6          34
     STRUCTURAL FIRES                            187           0          21         140         760
     GASOLINE STA EVAP LOSS                        0           0           0        3310           0
     SOLVENT EVAPORATION LOSS                      0           0           0       23299           0
     UNPAVED ROADS                             50572           0           0           0           0
     UNPAVED AIRSTRIPS                             2           0           0           0           0
```

*** J03 ***
****

AREA SOURCES	74579	7436	33551	65369	248058
POINT SOURCES	28971	120618	47515	9040	30704
TOTAL	103550	128054	81066	74409	278762

```
*** J06 ***
               POINT SOURCES                 0          0        342          0          8
          TOTAL (COMM-INST)
               AREA SOURCES                 18         34        193         12         31
               POINT SOURCES                 9        348        444          5         31

      TOTAL (EXTERNAL COMB)
               AREA SOURCES                205        501        668         61        345
               POINT SOURCES               705       4237       1937         23         79

   TOTAL (FUEL COMBUSTION)

               AREA SOURCES                205        501        668         61        345
               POINT SOURCES               705       4237       1937         23         79

INDUSTRIAL PROCESS (POINT)
**************************

   FOOD/AGRICULTURAL                       369          0          0          0          0
   MINERAL PRODUCTS                       2846          0          0          0          0
   PETROLEUM STORAGE/TRANSPORT               0          0          0       1581          0
   TOTAL (INDUSTRIAL)                     3215          0          0       1581          0

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION                 156          2          3        440       1321
      OPEN BURNING                         200          7         51        269        856
      TOTAL (RESIDENTIAL)                  356          9         54        709       2177

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
               AREA SOURCES                 17          4          8         10         24
      TOTAL (COMM-INST)
               AREA SOURCES                 17          4          8         10         24

   INDUSTRIAL

      ON SITE INCINERATION
               AREA SOURCES                  9          2          2          8         11
      TOTAL (INDUSTRIAL)
               AREA SOURCES                  9          2          2          8         11

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES                382         15         64        727       2212

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              1977         95       2403       3346      28127
         LIGHT DUTY TRUCKS                 564         40        925       1142       8514
         HEAVY DUTY VEHICLES               165         17        606        657       8944
         OFF HIGHWAY                        34         18        334       1203      12906
         TOTAL (GASOLINE)                 2740        170       4268       6348      58491

      DIESEL

         HEAVY DUTY VEHICLES              1154        519       5166        677       1876
         OFF HIGHWAY                       206        173       2094        307        620
         RAIL                               30         68        441        112        156
```

```
*** J07 ***                                                                                         *** J07 ***
    OPEN BURNING                       4533          171          1162          6122         19411
    TOTAL (RESIDENTIAL)                5560          181          1189          9024         28107

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES               36            9            17            22            51
              POINT SOURCES             111            0            29            27           309
      OPEN BURNING
              AREA SOURCES                1            0             0             2             4
      TOTAL (COMM-INST)
              AREA SOURCES               37            9            17            24            55
              POINT SOURCES             111            0            29            27           309

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES               31            5             5            29            39
              POINT SOURCES            2849         2825           823          1216          8848
      OPEN BURNING
              AREA SOURCES                9            0             2            13            50
              POINT SOURCES              99            0            23           139           812
      TOTAL (INDUSTRIAL)
              AREA SOURCES               40            5             7            42            89
              POINT SOURCES            2948         2825           846          1355          9660

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             5637          195          1213          9090         28251
              POINT SOURCES            4021         3025          1035          1503         12774

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES         68345         2792         62162         85566        738218
          LIGHT DUTY TRUCKS           17583         1061         22503         27362        202196
          HEAVY DUTY VEHICLES          4851          425         13263         16161        224335
          OFF HIGHWAY                   288          155          2858         10291        110367
          TOTAL (GASOLINE)            91067         4433        100786        139380       1275116

      DIESEL

          HEAVY DUTY VEHICLES          9943         4471         40154          5255         15808
          OFF HIGHWAY                  1467         1229         14828          2179          4387
          RAIL                          842         1908         12382          3148          4355
          TOTAL (DIESEL)              12252         7608         67364         10582         24550

   AIRCRAFT

      MILITARY                          865           81           519          1537          2768
      CIVIL                               5            1             5           170          7769
      COMMERCIAL                         56          124          1171          1312          2925
      TOTAL (AIRCRAFT)                  926          206          1695          3019         13462

   VESSELS

      DIESEL FUEL                      1721         2153         16058          4216          5621
      RESIDUAL OIL                     1817        23950          3936           272           131
      GASOLINE                            0          106           404         16416         51561
      TOTAL (VESSELS)                  3538        26209         20398         20904         57313

   TOTAL (TRANSPORTATION)            107783        38456        190243        173885       1370441
```

```
                                   NATIONAL EMISSIONS DATA SYSTEM
                                   ******************************

                                   ENVIRONMENTAL PROTECTION AGENCY
                                   *******************************

                                                              RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                               AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:129 DULUTH-SUPERIOR

                         PARTICULATES         SOX            NOX             HC             CO
                         ************    ************   ************   ************   ************
                          TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            DISTILLATE OIL          174          2016           1260             71            350
            NATURAL GAS              45             1            340             33             86
            WOOD                   1100            21             46            222           7902
            TOTAL (RESIDENTIAL)    1319          2038           1646            326           8338

        ELEC GENERATION (POINT)

            BITUMINOUS COAL        1911          5807           3469             71            156
            LIGNITE                8451         37930          16837            456           1375
            RESIDUAL OIL             63          2779           1117             10             54
            DISTILLATE OIL            0            27             14              0              2
            NATURAL GAS               2             0            271              0              7
            TOTAL (ELEC GEN)      10427         46543          21708            537           1594

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES         30            94             49              1              3
                POINT SOURCES      3396         17710           4782            135            353
            RESIDUAL OIL
                POINT SOURCES       142          2565            679             12             62
            DISTILLATE OIL
                AREA SOURCES          8            81             98              5             13
                POINT SOURCES        10           403            226             10             52
            NATURAL GAS
                AREA SOURCES         23             1           1271            372            157
                POINT SOURCES        37             7           5785              9            152
            PROCESS GAS
                POINT SOURCES        15           707              0              0              0
            WOOD
                POINT SOURCES      1502           221           1457            299            308
            OTHER
                POINT SOURCES        21            34             70              5             15
            TOTAL (INDUSTRIAL)
                AREA SOURCES         61           176           1418            378            173
                POINT SOURCES      5123         21647          12999            470            942

        COMM-INSTITUTIONAL FUEL

            ANTHRACITE COAL
                AREA SOURCES          4            13              4              0              0
            BITUMINOUS COAL
```

```
      TOTAL (EXTERNAL COMB)
                AREA SOURCES            728        4458       14103        4742        2654
                POINT SOURCES           289        5079       11306          29         155

   INTERNAL COMBUSTION (POINT)

      INDUSTRIAL FUEL

         NATURAL GAS                     34           0        3082         934          77
         TOTAL (INDUSTRIAL)              34           0        3082         934          77

      TOTAL (INTERNAL COMB)              34           0        3082         934          77

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES            728        4458       14103        4742        2654
                POINT SOURCES           323        5079       14388         963         232

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                 0          25           0           0           0
   FOOD/AGRICULTURAL                    245           0           0           0           0
   PRIMARY METAL                        514      200845         101           4       17888
   MINERAL PRODUCTS                    9951        1478         647           2           2
   PETROLEUM INDUSTRY                   309        5799        1409       11010          79
   ORGANIC SOLVENT EVAPORATION            0           0           0          15           0
   PETROLEUM STORAGE/TRANSPORT            0           0           0        3869           0
   OTHER/NOT CLASSIFIED                  10          27           0           0           0
   TOTAL (INDUSTRIAL)                 11029      208174        2157       14900       17969

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION              158           2           4         443        1327
      OPEN BURNING                      549          19         141         745        2354
      TOTAL (RESIDENTIAL)               707          21         145        1188        3681

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES             34          10          15          20          46
      OPEN BURNING
                AREA SOURCES              8           0           2          15          38
      TOTAL (COMM-INST)
                AREA SOURCES             42          10          17          35          84

   INDUSTRIAL

      ON SITE INCINERATION
                AREA SOURCES             34           7           7          31          44
                POINT SOURCES           138           6          56         201        2320
      OPEN BURNING
                AREA SOURCES             10           0           3          16          60
      TOTAL (INDUSTRIAL)
                AREA SOURCES             44           7          10          47         104
                POINT SOURCES           138           6          56         201        2320

   TOTAL (SOLID WASTE DISP)
                AREA SOURCES            793          38         172        1270        3869
                POINT SOURCES           138           6          56         201        2320

TRANSPORTATION (AREA)
*********************
```

```
*** J11 ***
     TOTAL (RESIDENTIAL)                    3546        119        781       5606      17508

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                   140         44         68         81        192
              POINT SOURCES                    2          0          0          0          1
      OPEN BURNING
              AREA SOURCES                     4          0          1          7         17
      TOTAL (COMM-INST)
              AREA SOURCES                   144         44         69         88        209
              POINT SOURCES                    2          0          0          0          1

   INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                    98         20         20         88        132
              POINT SOURCES                   25          6         31         32        323
      OPEN BURNING
              AREA SOURCES                    42          2         15         73        254
              POINT SOURCES                   13          1          5         23         66
      TOTAL (INDUSTRIAL)
              AREA SOURCES                   140         22         35        161        386
              POINT SOURCES                   38          7         36         55        389

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES                  3830        185        885       5855      18103
              POINT SOURCES                  637         48        248         96        390

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES               26256       1122      26268      34258     302899
         LIGHT DUTY TRUCKS                  5772        379       8506       9837      73914
         HEAVY DUTY VEHICLES                1408        135       4549       5178      71401
         OFF HIGHWAY                         124         62       1203       4332      46467
         TOTAL (GASOLINE)                  33560       1698      40526      53605     494681

      DIESEL

         HEAVY DUTY VEHICLES                5471       2569      24754       3103       8851
         OFF HIGHWAY                         682        572       6898       1013       2043
         RAIL                                261        596       3869        983       1357
         TOTAL (DIESEL)                     6414       3737      35521       5099      12251

   AIRCRAFT

      MILITARY                                29          2         18         51         93
      CIVIL                                    0          0          3         58       2712
      COMMERCIAL                               5         12        110        123        275
      TOTAL (AIRCRAFT)                        34         14        131        232       3080

   VESSELS

      DIESEL FUEL                            116        145       1080        283        378
      RESIDUAL OIL                           157       2069        340         24         11
      GASOLINE                                 0         17         63       2565       8066
      TOTAL (VESSELS)                        273       2231       1483       2872       8455

   TOTAL (TRANSPORTATION)                  40281       7680      77661      61808     518467

MISCELLANEOUS (AREA)
```

```
*** K01 ***                                                                                                   *** K01 ***

                                            NATIONAL EMISSIONS DATA SYSTEM
                                            ******************************

                                            ENVIRONMENTAL PROTECTION AGENCY
                                            *******************************

                                                                        RUN DATE:  TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
*****************************                                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:055 CHATTANOOGA

                                  PARTICULATES        SOX            NOX             HC              CO
                                  ************   ************   ************   ************   ************
                                   TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                   2             58             34              1             10
         NATURAL GAS                     66              2            519             53            131
         WOOD                           439              9             19             90           3141
         TOTAL (RESIDENTIAL)            507             69            572            144           3282

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              14180         347297          38510            646           2144
         DISTILLATE OIL                   0           1373             47              1              7
         TOTAL (ELEC GEN)             14180         348670          38557            647           2151

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            POINT SOURCES              1371           9167           3158             87            217
         RESIDUAL OIL
            POINT SOURCES              3246           7306           9207            155            734
         DISTILLATE OIL
            AREA SOURCES                 28            267            326             16             45
            POINT SOURCES                 8              8            144              3              1
         NATURAL GAS
            AREA SOURCES                 51              1           2145            542            257
            POINT SOURCES               103            559           2734             24             78
         PROCESS GAS
            POINT SOURCES               332              7              7             71              1
         WOOD
            POINT SOURCES                 7             18             59             12             12
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 79            268           2471            558            302
            POINT SOURCES              5067          17065          15309            352           1043

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                 24             59             25              0              2
            POINT SOURCES                 3              2             14              0              1
         BITUMINOUS COAL
            AREA SOURCES                 10             17              7              0              0
         RESIDUAL OIL
            AREA SOURCES                  1             15              3              0              0
         DISTILLATE OIL
            AREA SOURCES                  2             41             34              0              6
```

```
*** K02 ***                                                                                          *** K02 ***
    TOTAL (MISCELLANEOUS)               50765          0         22      26755        794

GRAND TOTAL
***********

    AREA SOURCES                        70581       6674      35438      63268     281322

    POINT SOURCES                       52014     210288     182066      19233       5588

    TOTAL                              122595     216962     217504      82501     286910
```

```
                                         NATIONAL EMISSIONS DATA SYSTEM
                                        ********************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                        *********************************

                                                                          RUN DATE:  TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                                   POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:077 EVANSVILLE-OWENSBORO-HENDERSON

                                   PARTICULATES        SOX           NOX            HC            CO
                                   ************    ************  ************  ************  ************
                                    TONS / YR       TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                    0               6             0             0            21
         BITUMINOUS COAL                   58             166             9            58           264
         DISTILLATE OIL                    10             126            83             3            20
         NATURAL GAS                       99               3           806            81           201
         WOOD                              99               2             3            20           711
         TOTAL (RESIDENTIAL)              266             303           901           162          1217

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                13703          722863        131711          2417          7445
         RESIDUAL OIL                       0               1             3             0             0
         DISTILLATE OIL                     0              19             5             0             2
         TOTAL (ELEC GEN)               13703          722883        131719          2417          7447

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 1346            8586          1913            56           125
            POINT SOURCES                7012           91232         13338           463          1189
         RESIDUAL OIL
            AREA SOURCES                   12             152            38             0             3
            POINT SOURCES                  37             393           197            12            18
         DISTILLATE OIL
            AREA SOURCES                   23             231           280            16            40
            POINT SOURCES                   5              47            18             2             4
         NATURAL GAS
            AREA SOURCES                   40               2          2327           691           293
            POINT SOURCES                  34             210           442            39            21
         WOOD
            POINT SOURCES                 175              28           172           198           239
         LIQUID PETROL GAS
            POINT SOURCES                   0               0             3             0             0
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 1421            8971          4558           763           461
            POINT SOURCES                7263           91910         14170           714          1471

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                   20              52            21             0             1
         BITUMINOUS COAL
            POINT SOURCES                  98            1351           167            18            48
```

```
*** K05 ***                                                                                        *** K05 ***

                                        NATIONAL EMISSIONS DATA SYSTEM
                                       ********************************

                                        ENVIRONMENTAL PROTECTION AGENCY
                                       *********************************

AQCR EMISSIONS REPORT                                                    RUN DATE:  TUESDAY    JANUARY 26, 1982
****************************                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:082 SOUTH BEND-ELKHART-BENTON HARBOR                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                               PARTICULATES        SOX            NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                0              4              0              0             15
         DISTILLATE OIL                66            775            484             28            136
         NATURAL GAS                  150              9           1200            120            300
         WOOD                         126              3              5             26            900
         TOTAL (RESIDENTIAL)          342            791           1689            174           1351

      ELEC GENERATION (POINT)

         BITUMINOUS COAL              706          69935          40008            220            726
         DISTILLATE OIL                15            403            754              7             36
         NATURAL GAS                    0              0            384              0             10
         TOTAL (ELEC GEN)             721          70338          41146            227            772

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES             2463          15603           3285             98            214
            POINT SOURCES             303           2389            577             34             56
         RESIDUAL OIL
            AREA SOURCES               36            510            128              2             12
            POINT SOURCES              72           1008            222             16             23
         DISTILLATE OIL
            AREA SOURCES               16            149            180             10             26
            POINT SOURCES               2             37             20              1              2
         NATURAL GAS
            AREA SOURCES              107              7           2895            444            317
            POINT SOURCES              12            192            430             10             30
         WOOD
            POINT SOURCES               6              0              2              1              1
         TOTAL (INDUSTRIAL)
            AREA SOURCES             2622          16269           6488            554            569
            POINT SOURCES             395           3626           1251             62            112

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES               14             35             15              0              1
         BITUMINOUS COAL
            POINT SOURCES             154           2665            353             24             48
         RESIDUAL OIL
            AREA SOURCES               97           1322            340              5             29
         DISTILLATE OIL
```

TOTAL (DIESEL)	1390	760	7701	1096	2652
AIRCRAFT					
MILITARY	26	2	16	46	83
CIVIL	0	0	1	12	541
COMMERCIAL	6	14	126	141	315
TOTAL (AIRCRAFT)	32	16	143	199	939
VESSELS					
GASOLINE	0	0	0	6	20
TOTAL (VESSELS)	0	0	0	6	20
TOTAL (TRANSPORTATION)	4162	946	12112	7649	62102
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	29	0	6	42	242
STRUCTURAL FIRES	39	0	3	30	159
GASOLINE STA EVAP LOSS	0	0	0	856	0
SOLVENT EVAPORATION LOSS	0	0	0	4069	0
UNPAVED ROADS	56476	0	0	0	0
UNPAVED AIRSTRIPS	5	0	0	0	0
TOTAL (MISCELLANEOUS)	56549	0	9	4997	401
GRAND TOTAL ***********					
AREA SOURCES	61298	1462	12853	13434	65060
POINT SOURCES	3920	4237	1937	1604	79
TOTAL	65218	5699	14790	15038	65139

MISCELLANEOUS (AREA)
****

FOREST WILDFIRES	52858	467	12435	74621	435286
FOREST MANAGED BURNING	4563	32	914	4103	25532
AGRICULTURAL BURNING	12330	0	1723	14571	81050
STRUCTURAL FIRES	942	0	110	704	3836
GASOLINE STA EVAP LOSS	0	0	0	18333	0
SOLVENT EVAPORATION LOSS	0	0	0	80255	0
UNPAVED ROADS	323289	0	0	0	0
UNPAVED AIRSTRIPS	72	0	0	0	0
TOTAL (MISCELLANEOUS)	394054	499	15182	192587	545704

GRAND TOTAL
****

AREA SOURCES	513439	100762	418419	452375	1977261
POINT SOURCES	180481	332162	609253	638394	1170190
TOTAL	693920	432924	1027672	1090769	3147451

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                                      RUN DATE:  TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                                      AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
*************************                                                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE

                                  PARTICULATES        SOX            NOX            HC             CO
                                  ************   ************   ************   ************   ************
                                   TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                20             49              4              3            166
            DISTILLATE OIL                394           4547           2841            158            789
            NATURAL GAS                    93              5            742             76            186
            WOOD                         1595             33             63            320          11475
            TOTAL (RESIDENTIAL)          2102           4634           3650            557          12616

        ELEC GENERATION (POINT)

            BITUMINOUS COAL               392          53298          29670            162            539
            RESIDUAL OIL                  757          81930          14361            497            830
            DISTILLATE OIL                 10             37             10              4              4
            TOTAL (ELEC GEN)             1159         135265          44041            663           1373

        INDUSTRIAL FUEL

            ANTHRACITE COAL
                AREA SOURCES                8             20              8              0              0
                POINT SOURCES               0              1              0              0              1
            BITUMINOUS COAL
                AREA SOURCES               43            304             80              2              5
                POINT SOURCES              49             24             11              2              5
            RESIDUAL OIL
                POINT SOURCES             577           7673           1556             26            132
            DISTILLATE OIL
                AREA SOURCES               15            152            185              9             26
                POINT SOURCES               4            194             37              1              9
            NATURAL GAS
                AREA SOURCES               20              1            443             42             47
                POINT SOURCES               1              0            105              0              2
            PROCESS GAS
                POINT SOURCES               0              4              0              0              0
            COKE
                AREA SOURCES                7             19              3              0              1
            WOOD
                POINT SOURCES              87              3             31              6              6
            LIQUID PETROL GAS
                POINT SOURCES               0              0              1              0              0
            TOTAL (INDUSTRIAL)
                AREA SOURCES               93            496            719             53             79
                POINT SOURCES             718           7899           1741             35            155

        COMM-INSTITUTIONAL FUEL
```

```
          POINT SOURCES                  9        91         9         3         7
     RESIDUAL OIL
          AREA SOURCES                   2        66        18         0         0
          POINT SOURCES                  8       104        33         1         3
     DISTILLATE OIL
          AREA SOURCES                  34       467       356        13        81
          POINT SOURCES                  0         7         3         0         1
     NATURAL GAS
          AREA SOURCES                  24         1       278        18        47
          POINT SOURCES                  1         0        19         0         4
     TOTAL (COMM-INST)
          AREA SOURCES                  64       547       656        31       128
          POINT SOURCES                 18       202        64         4        15

  TOTAL (EXTERNAL COMB)
          AREA SOURCES                1444      2761      3720       735      8639
          POINT SOURCES              15568     68392     34771      1011      2551

INTERNAL COMBUSTION (POINT)

  ELECTRIC GENERATION

     DISTILLATE OIL                     32        30       382        17        77
     NATURAL GAS                        12         0       483        35        95
     TOTAL (ELEC GEN)                   44        30       865        52       172

  INDUSTRIAL FUEL

     DISTILLATE OIL                     51        72       381        27        61
     NATURAL GAS                         2         0       219        81        36
     TOTAL (INDUSTRIAL)                 53        72       600       108        97

  TOTAL (INTERNAL COMB)                 97       102      1465       160       269

TOTAL (FUEL COMBUSTION)

          AREA SOURCES                1444      2761      3720       735      8639
          POINT SOURCES              15665     68494     36236      1171      2820

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                 0       270         0         0         0
  FOOD/AGRICULTURAL                   1501         0         0         0         0
  PRIMARY METAL                       1695      2092        18      1800       506
  MINERAL PRODUCTS                   12759      1899       554       157        58
  PETROLEUM INDUSTRY                   107      2519       892       886     21189
  WOOD PRODUCTS                        412      2715       263        12      4841
  ORGANIC SOLVENT EVAPORATION            0         0         1       387         0
  PETROLEUM STORAGE/TRANSPORT            0         0         0      5045         0
  OTHER/NOT CLASSIFIED                   0       626         0         0         0
  TOTAL (INDUSTRIAL)                 16474     10121      1728      8287     26594

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

     ON SITE INCINERATION              191         0         4       537      1605
     OPEN BURNING                     1023        38       261      1380      4374
     TOTAL (RESIDENTIAL)              1214        38       265      1917      5979

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
          AREA SOURCES                  18         2        11        11        25
```

```
*** K10 ***                                                                                   *** K10 ***
   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES          12943         440        7631       21682      235535
         LIGHT DUTY TRUCKS             3318         189        3125        6848       66066
         HEAVY DUTY VEHICLES            515          39         815        2255       38193
         OFF HIGHWAY                     32          16         321        1159       12424
         TOTAL (GASOLINE)             16808         684       11892       31944      352218

      DIESEL

         HEAVY DUTY VEHICLES           1483         607        5593        1670        3940
         OFF HIGHWAY                    209         174        2112         310         625
         RAIL                           283         644        4175        1060        1468
         TOTAL (DIESEL)                1975        1425       11880        3040        6033

   AIRCRAFT

      MILITARY                          917          86         552        1631        2938
      CIVIL                               1           1           2          37        1810
      COMMERCIAL                         10          23         213         239         533
      TOTAL (AIRCRAFT)                  928         110         767        1907        5281

   VESSELS

      GASOLINE                            0           4          18         701        2200
      TOTAL (VESSELS)                     0           4          18         701        2200

   TOTAL (TRANSPORTATION)             19711        2223       24557       37592      365732

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                    279           2          65         394        2295
    FOREST MANAGED BURNING              787           6         157         708        4407
    STRUCTURAL FIRES                    150           0          16         113         611
    GASOLINE STA EVAP LOSS                0           0           0        3326           0
    SOLVENT EVAPORATION LOSS              0           0           0       14804           0
    UNPAVED ROADS                    455318           0           0           0           0
    UNPAVED AIRSTRIPS                   108           0           0           0           0
    TOTAL (MISCELLANEOUS)            456642           8         238       19345        7313

GRAND TOTAL
***********

    AREA SOURCES                     477874        6727       39070       62949      379568

    POINT SOURCES                     11490      213259       16601       16064       20521

    TOTAL                            489364      219986       55671       79013      400089
```

*** K11 ***
****

FOREST WILDFIRES	114	0	27	159	933
STRUCTURAL FIRES	457	0	54	340	1862
GASOLINE STA EVAP LOSS	0	0	0	7747	0
SOLVENT EVAPORATION LOSS	0	0	0	75462	0
UNPAVED ROADS	124902	0	0	0	0
UNPAVED AIRSTRIPS	94	0	0	0	0
TOTAL (MISCELLANEOUS)	125567	0	81	83708	2795

GRAND TOTAL
****

AREA SOURCES	172518	15930	98002	156072	551413
POINT SOURCES	104761	362313	94948	20605	85106
TOTAL	277279	378243	192950	176677	636519

```
*** K12 ***                                                                                          *** K12 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                            RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                  POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA

                               PARTICULATES          SOX           NOX            HC            CO
                               ************   ************  ************  ************  ************
                                TONS / YR      TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL                  56            651           405            18           113
         NATURAL GAS                     54              0           438            42           108
         WOOD                           666              7            24           137          4761
         TOTAL (RESIDENTIAL)            776            658           867           197          4982

      ELEC GENERATION (POINT)

         BITUMINOUS COAL               5763         249336         93909          2295          4435
         RESIDUAL OIL                     7            185             0             0             0
         DISTILLATE OIL                   1             69            69             6            15
         TOTAL (ELEC GEN)              5771         249590         93978          2301          4450

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                119            380           199             4            12
            POINT SOURCES             21384          81833         27836          1086          5436
         RESIDUAL OIL
            POINT SOURCES              1006          23555          2077           541          1944
         DISTILLATE OIL
            POINT SOURCES                59           1206           347            15           140
         NATURAL GAS
            AREA SOURCES                 45              0          3268          1061           425
            POINT SOURCES               176            128          2569            64           270
         PROCESS GAS
            AREA SOURCES                  5             20            22             0             1
         WOOD
            POINT SOURCES              1000            236          2097          7185          5174
         LIQUID PETROL GAS
            POINT SOURCES                 0              0             2             0             0
         OTHER
            POINT SOURCES                 3             23            14             1             4
         TOTAL (INDUSTRIAL)
            AREA SOURCES                169            400          3489          1065           438
            POINT SOURCES             23628         106981         34942          8892         12968

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                157            379           164             0            11
         BITUMINOUS COAL
            POINT SOURCES               355           1587           586           163           803
```

```
                                                                                                   *** L01 ***
*** L01 ***
                POINT SOURCES              0            2            1            0            0
          NATURAL GAS
                AREA SOURCES              27            1          343           23           58
                POINT SOURCES            115            0            3            0            0
          WOOD
                POINT SOURCES              1            5           31            6            6
          TOTAL (COMM-INST)
                AREA SOURCES              64          133          412           23           66
                POINT SOURCES            119            9           49            6            7

      TOTAL (EXTERNAL COMB)
                AREA SOURCES             650          470         3455          725         3650
                POINT SOURCES          19366       365744        53915         1005         3201

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES             650          470         3455          725         3650
                POINT SOURCES          19366       365744        53915         1005         3201

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING               1025         1960          709         6444            0
   FOOD/AGRICULTURAL                     915            0            0            0            0
   PRIMARY METAL                         726          651            4          365           60
   SECONDARY METALS                      949            0           39          153         3419
   MINERAL PRODUCTS                     1811         6544         2471           19           10
   WOOD PRODUCTS                        1020         2581         1102          575        23888
   ORGANIC SOLVENT EVAPORATION            11            0            0         7710            0
   PETROLEUM STORAGE/TRANSPORT             6            0            0         2381            0
   METAL FABRICATION                      21            0            0           75            0
   TEXTILE MANUFACTURING                  21            0            0            2            0
   OTHER/NOT CLASSIFIED                  250          456            0            3            0
   TOTAL (INDUSTRIAL)                   6755        12192         4325        17727        27377

SOLID WASTE DISPOSAL
********************

   RESIDENTIAL (AREA)

      ON SITE INCINERATION               176            3            6          495         1485
      OPEN BURNING                      1386           54          356         1870         5934
      TOTAL (RESIDENTIAL)               1562           57          362         2365         7419

   COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
                AREA SOURCES               5            0            3            3            8
                POINT SOURCES              3            1           18           12           20
      OPEN BURNING
                AREA SOURCES               2            0            0            4            8
      TOTAL (COMM-INST)
                AREA SOURCES               7            0            3            7           16
                POINT SOURCES              3            1           18           12           20

   INDUSTRIAL

      ON SITE INCINERATION
                POINT SOURCES             37         8845           23           55           83
      OPEN BURNING
                AREA SOURCES              46            0           16           79          280
                POINT SOURCES              3            0            1            4           21
      TOTAL (INDUSTRIAL)
                AREA SOURCES              46            0           16           79          280
                POINT SOURCES             40         8845           24           59          104
```

```
*** L03 ***                                                                                      *** L03 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                    RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                   AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                           POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:070 METROPOLITAN ST. LOUIS

                              PARTICULATES          SOX             NOX              HC               CO
                              ************      ************    ************     ************     ************
                               TONS / YR         TONS / YR       TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL           35              165               4              86              154
            DISTILLATE OIL            61              689             430              95              120
            NATURAL GAS              502               30            4013             438             1004
            WOOD                     219                4               9              80             1575
            TOTAL (RESIDENTIAL)      817              888            4456             699             2853

        ELEC GENERATION (POINT)

            ANTHRACITE COAL           94             1069              94               0                9
            BITUMINOUS COAL        21951           729589          304872            2904             9666
            RESIDUAL OIL              10             6108             228               3               11
            DISTILLATE OIL            40             1097             753              26              135
            NATURAL GAS                1                0              87               0                2
            TOTAL (ELEC GEN)       22096           737863          306034            2933             9823

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        2242            15884            3107             129              201
                POINT SOURCES       4143            12569            2968             176              362
            RESIDUAL OIL
                AREA SOURCES           0                0               0              23                0
                POINT SOURCES        651             7911            2833             107              119
            DISTILLATE OIL
                POINT SOURCES         29             1008             312               5               14
            NATURAL GAS
                AREA SOURCES          99                5            5699            1722              715
                POINT SOURCES        124              876            6997              18              167
            WOOD
                POINT SOURCES          0                0               0               0                6
            LIQUID PETROL GAS
                POINT SOURCES          0                0               1               1                0
            OTHER
                POINT SOURCES          0                0               4               0                1
            TOTAL (INDUSTRIAL)
                AREA SOURCES        2341            15889            8806            1874              916
                POINT SOURCES       4947            22364           13115             307              669

        COMM-INSTITUTIONAL FUEL


            ANTHRACITE COAL
                AREA SOURCES          14               32              14               0                1
```

```
*** L04 ***                                                                                      *** L04 ***
           RESIDUAL OIL
              AREA SOURCES               53            744            188              2             16
           DISTILLATE OIL
              AREA SOURCES                9            156            118              3             27
              POINT SOURCES               1              8              5              1              1
           NATURAL GAS
              AREA SOURCES               25              1            296             20             51
              POINT SOURCES               0              0              1              0              0
           WOOD
              POINT SOURCES               1              0              3              1              0
           TOTAL (COMM-INST)
              AREA SOURCES              107            953            623             25             95
              POINT SOURCES             100           1359            176             20             49

        TOTAL (EXTERNAL COMB)
              AREA SOURCES             1794          10227           6082            950           1773
              POINT SOURCES           21066         816152         146065           3151           8967

     INTERNAL COMBUSTION (POINT)

        INDUSTRIAL FUEL

           NATURAL GAS                    2              1           4338           1777            556
           TOTAL (INDUSTRIAL)             2              1           4338           1777            556

        TOTAL (INTERNAL COMB)             2              1           4338           1777            556

     TOTAL (FUEL COMBUSTION)

              AREA SOURCES             1794          10227           6082            950           1773
              POINT SOURCES           21068         816153         150403           4928           9523

INDUSTRIAL PROCESS (POINT)
**************************

     CHEMICAL MANUFACTURING             116              0              0           1098              0
     FOOD/AGRICULTURAL                 1967              0              0           1882              0
     PRIMARY METAL                     1497           5596            154            405          42397
     SECONDARY METALS                  6669             18            101              1             88
     MINERAL PRODUCTS                 21345             26            126             30            138
     PETROLEUM INDUSTRY                  38           1649            278           1051           1280
     WOOD PRODUCTS                      642            325            123            101           4287
     ORGANIC SOLVENT EVAPORATION        124              0              4           7040              1
     PETROLEUM STORAGE/TRANSPORT          0              0              0           4225              0
     METAL FABRICATION                    6              2              8              8              1
     OTHER/NOT CLASSIFIED                48            167            204             19             23
     TOTAL (INDUSTRIAL)               32452           7783            998          15860          48215

SOLID WASTE DISPOSAL
********************

     RESIDENTIAL (AREA)

        ON SITE INCINERATION            277              2              8            779           2337
        OPEN BURNING                    935             36            241           1264           4006
        TOTAL (RESIDENTIAL)            1212             38            249           2043           6343

     COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
              AREA SOURCES               69             20             33             38             98
              POINT SOURCES              13              2             40              3              5
        OPEN BURNING
              AREA SOURCES                1              0              0              2              4
        TOTAL (COMM-INST)
              AREA SOURCES               70             20             33             40            102
```

```
*** LOS ***                                                                                   *** LOS ***
                    AREA SOURCES             14        210        158          8         37
                    POINT SOURCES             4          8          4          4          4
                NATURAL GAS
                    AREA SOURCES             62          3        750         52        125
                    POINT SOURCES             2          2         24          2          2
                TOTAL (COMM-INST)
                    AREA SOURCES            187       1570       1263         65        192
                    POINT SOURCES           160       2675        381         30         54

            TOTAL (EXTERNAL COMB)
                    AREA SOURCES           3151      18630       9440        793       2112
                    POINT SOURCES          1276      76639      42778        319        938

        TOTAL (FUEL COMBUSTION)

                    AREA SOURCES           3151      18630       9440        793       2112
                    POINT SOURCES          1276      76639      42778        319        938

INDUSTRIAL PROCESS (POINT)
**************************

        CHEMICAL MANUFACTURING              139          0          0        928          0
        FOOD/AGRICULTURAL                   516          0          0          0          0
        SECONDARY METALS                    602          5         26         53      12074
        MINERAL PRODUCTS                   2326          7          0          0          0
        WOOD PRODUCTS                        37          0          0          9          0
        ORGANIC SOLVENT EVAPORATION          62          0          0      35722          0
        PETROLEUM STORAGE/TRANSPORT           0          0          0        234          0
        METAL FABRICATION                    12          0          0          0          0
        TEXTILE MANUFACTURING                 1          0          0          0          0
        OTHER/NOT CLASSIFIED                 16         28          0          0          0
        TOTAL (INDUSTRIAL)                 3711         40         26      36946      12074

SOLID WASTE DISPOSAL
********************

        RESIDENTIAL (AREA)

            ON SITE INCINERATION            648          9         21       1819       5458
            OPEN BURNING                   1205         44        308       1625       5161
            TOTAL (RESIDENTIAL)            1853         53        329       3444      10619

        COMMERCIAL-INSTITUTIONAL

            ON SITE INCINERATION
                    AREA SOURCES            143         45         68         83        196
                    POINT SOURCES             3          1          1         40        120
            OPEN BURNING
                    AREA SOURCES              5          0          1          9         21
            TOTAL (COMM-INST)
                    AREA SOURCES            143         45         69         92        217
                    POINT SOURCES             3          1          1         40        120

        INDUSTRIAL

            ON SITE INCINERATION
                    AREA SOURCES             73         15         15         66         98
                    POINT SOURCES             1          1          1          1          1
            OPEN BURNING
                    AREA SOURCES             36          1         11         59        210
            TOTAL (INDUSTRIAL)
                    AREA SOURCES            109         16         26        125        308
                    POINT SOURCES             1          1          1          1          1

        TOTAL (SOLID WASTE DISP)
                    AREA SOURCES           2110        114        424       3661      11144
```

```
          ANTHRACITE COAL
              AREA SOURCES            4           11            5            0            0
          RESIDUAL OIL
              AREA SOURCES           22          181           76            1            6
              POINT SOURCES         188         2507          587           10           48
          DISTILLATE OIL
              AREA SOURCES           57          822          629           29          143
              POINT SOURCES           0           95           11            0            2
          NATURAL GAS
              AREA SOURCES           22            1          272           17           46
              POINT SOURCES           1            0           26            0            2
          TOTAL (COMM-INST)
              AREA SOURCES          105         1015          982           47          195
              POINT SOURCES         189         2602          624           10           52

      TOTAL (EXTERNAL COMB)
              AREA SOURCES         2300         6145         5351          657        12890
              POINT SOURCES        2066       145766        46406          708         1580

    INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

          DISTILLATE OIL              3           16           43            4           10
          NATURAL GAS                 0            0            6            1            2
          TOTAL (ELEC GEN)            3           16           49            5           12

      TOTAL (INTERNAL COMB)           3           16           49            5           12

    TOTAL (FUEL COMBUSTION)

              AREA SOURCES         2300         6145         5351          657        12890
              POINT SOURCES        2069       145782        46455          713         1592

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING            0            0            0         3185            0
    FOOD/AGRICULTURAL                10            0            0            0            0
    MINERAL PRODUCTS                328           21            1            0            0
    PETROLEUM INDUSTRY               14          220           48            1            3
    WOOD PRODUCTS                    44            0            0           21            0
    ORGANIC SOLVENT EVAPORATION      31            0            0        23973            0
    PETROLEUM STORAGE/TRANSPORT       0            0            0         2083            0
    OTHER/NOT CLASSIFIED             45            8            0         3033            0
    TOTAL (INDUSTRIAL)              472          249           49        32296            3

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

        MUNICIPAL INCINERATION       31            7            5            4           91
        TOTAL (GOVERNMENT)           31            7            5            4           91

    RESIDENTIAL (AREA)

        ON SITE INCINERATION        938           15           31         2639         7916
        OPEN BURNING               1397           51          358         1883         5977
        TOTAL (RESIDENTIAL)        2335           66          389         4522        13893

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
```

```
              POINT SOURCES              13          0          2         18        216
     OPEN BURNING
              AREA SOURCES                4          0          1          9         21
     TOTAL (COMM-INST)
              AREA SOURCES               22          2         12         20         46
              POINT SOURCES              13          0          2         18        216

   INDUSTRIAL

     ON SITE INCINERATION
              AREA SOURCES                7          1          1          7          9
              POINT SOURCES             122          2         23        248       2930
     OPEN BURNING
              AREA SOURCES                3          0          1          4         15
     TOTAL (INDUSTRIAL)
              AREA SOURCES               10          1          2         11         24
              POINT SOURCES             122          2         23        248       2930

   TOTAL (SOLID WASTE DISP)
              AREA SOURCES             1246         41        279       1948       6049
              POINT SOURCES             135          2         25        266       3146

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES           7006        341       8707      11767      98959
         LIGHT DUTY TRUCKS             2708        194       4565       5463      40526
         HEAVY DUTY VEHICLES            456         47       1689       1836      25029
         OFF HIGHWAY                     67         33        662       2383      25559
         TOTAL (GASOLINE)             10237        615      15623      21449     190073

      DIESEL

         HEAVY DUTY VEHICLES           1085        537       5571        683       1865
         OFF HIGHWAY                    221        186       2235        329        660
         RAIL                           106        241       1575        402        550
         TOTAL (DIESEL)                1412        964       9381       1414       3075

   AIRCRAFT

      MILITARY                           91          9         55        163        293
      CIVIL                               0          0          0         30       1318
      COMMERCIAL                          3          7         66         73        163
      TOTAL (AIRCRAFT)                   94         16        121        266       1774

   VESSELS

      DIESEL FUEL                       107        132        992        261        347
      RESIDUAL OIL                       44        575         94          7          3
      GASOLINE                            0         51        193       7790      24474
      TOTAL (VESSELS)                   151        758       1279       8058      24824

   TOTAL (TRANSPORTATION)             11894       2353      26404      31187     219746

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                     802          6        188       1130       6593
   STRUCTURAL FIRES                     139          0         15        105        564
   GASOLINE STA EVAP LOSS                 0          0          0       2706          0
   SOLVENT EVAPORATION LOSS               0          0          0      11167          0
   UNPAVED ROADS                     135804          0          0          0          0
```

```
        LIGNITE
            POINT SOURCES                    1          1          0          0          0
        RESIDUAL OIL
            AREA SOURCES                     8        207         41          0          1
            POINT SOURCES                    0          0          1          0          0
        DISTILLATE OIL
            AREA SOURCES                     4         67         52          1         11
            POINT SOURCES                    0         43         16          0          1
        NATURAL GAS
            AREA SOURCES                    44          1        558         31         94
            POINT SOURCES                    7          2         75          2         10
        WOOD
            POINT SOURCES                    1          1          6         23         19
        LIQUID PETROL GAS
            POINT SOURCES                    0          0          2          0          0
        OTHER
            POINT SOURCES                   19         42          4         18         82
        TOTAL (COMM-INST)
            AREA SOURCES                   213        654        815         32        117
            POINT SOURCES                  383       1676        690        206        915

      TOTAL (EXTERNAL COMB)
            AREA SOURCES                  1158       1712       5171       1294       5537
            POINT SOURCES                29782     358247     129610      11399      18333

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

         DISTILLATE OIL                      0          5          1          0          4
         TOTAL (ELEC GEN)                    0          5          1          0          4

      INDUSTRIAL FUEL

         NATURAL GAS                         1          1       2278          8        257
         TOTAL (INDUSTRIAL)                  1          1       2278          8        257

      TOTAL (INTERNAL COMB)                  1          6       2279          8        261

   TOTAL (FUEL COMBUSTION)

            AREA SOURCES                  1158       1712       5171       1294       5537
            POINT SOURCES                29783     358253     131889      11407      18594

INDUSTRIAL PROCESS (POINT)
**************************

   CHEMICAL MANUFACTURING                  793       3094       3106      35217       5803
   FOOD/AGRICULTURAL                       319          0          0          4          0
   PRIMARY METAL                          4776      15004       1050       1266      25332
   SECONDARY METALS                        246        184        221        265       2554
   MINERAL PRODUCTS                      12129       3590       1368       2490       3208
   PETROLEUM INDUSTRY                      148          0          0       1309          0
   WOOD PRODUCTS                          1939        987         36        250       4081
   ORGANIC SOLVENT EVAPORATION            1297          1         22      18569         20
   PETROLEUM STORAGE/TRANSPORT               0          0          0        590          0
   METAL FABRICATION                        15          0          7          3          1
   TEXTILE MANUFACTURING                    11         10         16       1767          2
   OTHER/NOT CLASSIFIED                    274       3927         13       1260        936
   TOTAL (INDUSTRIAL)                    21947      26797       5839      62990      41937

SOLID WASTE DISPOSAL
********************

   GOVERNMENT (POINT)
```

```
*** M01 ***                                                                                                    *** M01 ***
    TOTAL (SOLID WASTE DISP)
                 AREA SOURCES             1615            57           381          2451          7715
                 POINT SOURCES              43          8846            42            71           124

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES          13815           663         15667         20978        173419
            LIGHT DUTY TRUCKS             3281           233          5248          6254         44777
            HEAVY DUTY VEHICLES            806            79          2699          2973         41001
            OFF HIGHWAY                     55            30           540          1947         20889
            TOTAL (GASOLINE)             17957          1005         24154         32152        280086

        DIESEL

            HEAVY DUTY VEHICLES           2543          1191         11040          1371          4024
            OFF HIGHWAY                    460           384          4649           683          1376
            RAIL                           148           334          2179           555           766
            TOTAL (DIESEL)                3151          1909         17868          2609          6166

    AIRCRAFT

        CIVIL                                1             0             1            27          1280
        TOTAL (AIRCRAFT)                     1             0             1            27          1280

    VESSELS

        DIESEL FUEL                         21            27           200            53            70
        GASOLINE                             0             5            21           866          2719
        TOTAL (VESSELS)                     21            32           221           919          2789

    TOTAL (TRANSPORTATION)               21130          2946         42244         35707        290321

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                       842             5           197          1185          6921
    FOREST MANAGED BURNING                 394             0            80           351          2190
    AGRICULTURAL BURNING                    33             0             2            38           213
    STRUCTURAL FIRES                       200             0            24           147           800
    GASOLINE STA EVAP LOSS                   0             0             0          4975             0
    SOLVENT EVAPORATION LOSS                 0             0             0         34040             0
    UNPAVED ROADS                        33355             0             0             0             0
    TOTAL (MISCELLANEOUS)                34824             5           303         40736         10124

GRAND TOTAL
***********

    AREA SOURCES                         58219          3478         46383         79619        311810

    POINT SOURCES                        26164        386782         58282         18803         30702

    TOTAL                                84383        390260        104665         98422        342512
```

```
*** M02 ***                                                                                                   *** M02 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
***************************                                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:067 METROPOLITAN CHICAGO

                                  PARTICULATES         SOX              NOX              HC               CO
                                  ************    ************     ************     ************     ************
                                   TONS / YR       TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL                0               1                0                0                4
            BITUMINOUS COAL              315            1197               47              315             1417
            DISTILLATE OIL               265            3061             1912              106              532
            NATURAL GAS                 1755             106            14036             1403             3509
            WOOD                           9               0                0                2               63
            TOTAL (RESIDENTIAL)         2344            4365            15995             1826             5525

        ELEC GENERATION (POINT)

            BITUMINOUS COAL            55570          197077           175149             2124            15606
            RESIDUAL OIL                1380           26556            26484              248             1222
            DISTILLATE OIL                15             531              580               12               61
            NATURAL GAS                  116             210             5886               17              182
            TOTAL (ELEC GEN)           57081          224374           208099             2401            17071

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES            6324           36848             9445              282              613
                POINT SOURCES           7737           11175             6728              185              485
            RESIDUAL OIL
                AREA SOURCES               5              58               15                0                1
                POINT SOURCES           2147           24228            20552              419             1546
            DISTILLATE OIL
                AREA SOURCES               4              43               52                3                8
                POINT SOURCES            180            2300             1895               77              231
            NATURAL GAS
                AREA SOURCES             369              22            10334             1689             1142
                POINT SOURCES            588             816            20294              237             1131
            PROCESS GAS
                POINT SOURCES            842           19764             2007               99              142
            COKE
                POINT SOURCES              0             116               63                1                3
            WOOD
                POINT SOURCES              1               0                1                0                0
            LIQUID PETROL GAS
                POINT SOURCES              0               5                4                0                0
            OTHER
                POINT SOURCES              7              42               17                1                4
            TOTAL (INDUSTRIAL)
                AREA SOURCES            6702           36971            19846             1974             1764
                POINT SOURCES          11502           58446            51561             1019             3542
```

BITUMINOUS COAL					
AREA SOURCES	361	1375	180	14	39
POINT SOURCES	659	1470	162	11	26
RESIDUAL OIL					
AREA SOURCES	230	3199	804	20	66
POINT SOURCES	17	223	68	1	6
DISTILLATE OIL					
AREA SOURCES	27	380	291	58	64
POINT SOURCES	0	4	4	0	1
NATURAL GAS					
AREA SOURCES	211	12	2516	151	419
POINT SOURCES	7	0	414	1	14
TOTAL (COMM-INST)					
AREA SOURCES	843	4998	3805	243	589
POINT SOURCES	683	1697	648	13	47
TOTAL (EXTERNAL COMB)					
AREA SOURCES	4001	21775	17067	2816	4358
POINT SOURCES	27726	761924	319797	3253	10539
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	61	99	861	68	193
TOTAL (ELEC GEN)	61	99	861	68	193
INDUSTRIAL FUEL					
NATURAL GAS	7	45	1240	446	189
TOTAL (INDUSTRIAL)	7	45	1240	446	189
TOTAL (INTERNAL COMB)	68	144	2101	514	382
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	4001	21775	17067	2816	4358
POINT SOURCES	27794	762068	321898	3767	10921
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	203	7480	25	43	34077
FOOD/AGRICULTURAL	1063	311	0	2	0
PRIMARY METAL	7444	37662	3892	3309	168104
SECONDARY METALS	1479	556	84	4	922
MINERAL PRODUCTS	25100	5142	2482	44	4
PETROLEUM INDUSTRY	1680	22645	9387	9053	532
WOOD PRODUCTS	15	0	0	376	0
ORGANIC SOLVENT EVAPORATION	359	3	6	37646	14
PETROLEUM STORAGE/TRANSPORT	14	0	13	10463	1
METAL FABRICATION	6	0	23	0	0
OTHER/NOT CLASSIFIED	358	2936	25	3	3
TOTAL (INDUSTRIAL)	37721	76735	15937	60943	203657
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	364	365	438	219	5110
TOTAL (GOVERNMENT)	364	365	438	219	5110
RESIDENTIAL (AREA)					
ON SITE INCINERATION	1181	18	37	3328	9982

```
*** M04 ***                                                                                    *** M04 ***
               POINT SOURCES                13          2          40          3           5

   INDUSTRIAL

      ON SITE INCINERATION
               AREA SOURCES                 51         10          10         44          67
               POINT SOURCES                 3          4           6         36         515
      OPEN BURNING
               AREA SOURCES                 23          1           6         37         135
      TOTAL (INDUSTRIAL)
               AREA SOURCES                 74         11          16         81         202
               POINT SOURCES                 3          4           6         36         515

   TOTAL (SOLID WASTE DISP)
               AREA SOURCES               1356         69         298       2164        6647
               POINT SOURCES                16          6          46         39         520

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES              8696        389        9385      13051      111456
         LIGHT DUTY TRUCKS                2679        178        4004       4805       35782
         HEAVY DUTY VEHICLES               801         80        2689       2983       40936
         OFF HIGHWAY                        66         32         649       2342       25089
         TOTAL (GASOLINE)                12242        679       16727      23181      213263

      DIESEL

         HEAVY DUTY VEHICLES              2186       1013        9838       1265        3592
         OFF HIGHWAY                       338        282        3428        502        1015
         RAIL                              184        421        2733        695         960
         TOTAL (DIESEL)                   2708       1716       15999       2462        5567

   AIRCRAFT

      MILITARY                              13          1           7         23          41
      CIVIL                                  0          0           1         24        1109
      COMMERCIAL                             4         10          93        104         232
      TOTAL (AIRCRAFT)                      17         11         101        151        1382

   VESSELS

      DIESEL FUEL                          524        656        4894       1284        1713
      GASOLINE                               0         16          55       2255        7080
      TOTAL (VESSELS)                      524        672        4949       3539        8793

   TOTAL (TRANSPORTATION)                15491       3078       37776      29333      229005

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                         69          0          17         99         576
   STRUCTURAL FIRES                        146          0          18        110         591
   GASOLINE STA EVAP LOSS                    0          0           0       2487           0
   SOLVENT EVAPORATION LOSS                  0          0           0      19107           0
   UNPAVED ROADS                         16744          0           0          0           0
   UNPAVED AIRSTRIPS                         2          0           0          0           0
   TOTAL (MISCELLANEOUS)                 16961          0          35      21803        1167

GRAND TOTAL
***********
```

```
          POINT SOURCES                  4              2              2             41            121

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES         15035            665          15782          20358         178535
         LIGHT DUTY TRUCKS            4019            258           5884           7072          53646
         HEAVY DUTY VEHICLES           878             81           2776           3299          45291
         OFF HIGHWAY                    94             49            934           3362          36059
         TOTAL (GASOLINE)            20026           1053          25376          34091         313531

      DIESEL

         HEAVY DUTY VEHICLES          2662           1199          11807           1563           4420
         OFF HIGHWAY                   479            402           4845            712           1433
         RAIL                          223            507           3288            835           1156
         TOTAL (DIESEL)               3364           2108          19940           3110           7009

   AIRCRAFT

      MILITARY                           2              0              1              3              5
      CIVIL                              0              0              2             41           1905
      COMMERCIAL                         7             14            128            142            318
      TOTAL (AIRCRAFT)                   9             14            131            186           2228

   VESSELS

      DIESEL FUEL                        0              0              3              1              1
      RESIDUAL OIL                      15            190             31              2              1
      GASOLINE                           0             24             87           3465          10885
      TOTAL (VESSELS)                   15            214            121           3468          10887

   TOTAL (TRANSPORTATION)            23414           3389          45568          40855         333655

MISCELLANEOUS (AREA)
********************

   STRUCTURAL FIRES                    176              0             21            131            717
   GASOLINE STA EVAP LOSS                0              0              0          16798              0
   SOLVENT EVAPORATION LOSS              0              0              0          55768              0
   UNPAVED ROADS                     26421              0              0              0              0
   TOTAL (MISCELLANEOUS)             26597              0             21          72697            717

GRAND TOTAL
***********

   AREA SOURCES                      55272          22133          55453         118006         347628

   POINT SOURCES                      4991          76681          42806          37306          13133

   TOTAL                             60263          98814          98259         155312         360761
```

```
*** M06 ***                                                                                          *** M06 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

AQCR EMISSIONS REPORT                                                    RUN DATE:  TUESDAY    JANUARY 26, 1982
*****************************                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
AQCR:094 METROPOLITAN KANSAS CITY                           POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981

                             PARTICULATES          SOX              NOX              HC               CO
                             ************     ************     ************     ************     ************
                              TONS / YR        TONS / YR        TONS / YR        TONS / YR        TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            BITUMINOUS COAL            3               18                0               14               16
            DISTILLATE OIL             9               89               55                9               15
            NATURAL GAS              328               21             2622              293              656
            WOOD                      87                2                3               24              621
            TOTAL (RESIDENTIAL)      427              130             2680              340             1308

        ELEC GENERATION (POINT)

            BITUMINOUS COAL        27010           134000            39014              699             1960
            RESIDUAL OIL              18              591              811               14               31
            DISTILLATE OIL             0              180               63                2               11
            NATURAL GAS               78               10             8063               18              194
            TOTAL (ELEC GEN)       27106           134781            47951              733             2196

        INDUSTRIAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        1046             8436             1743              109              113
            RESIDUAL OIL
                AREA SOURCES         111             1514              381               13               32
                POINT SOURCES        201             2296              613                9               52
            DISTILLATE OIL
                AREA SOURCES          19              185              225               16               32
                POINT SOURCES          0               22                7                0                1
            NATURAL GAS
                AREA SOURCES         362               20            36913            13168             4842
                POINT SOURCES        107                2             1394                7               44
            PROCESS GAS
                POINT SOURCES          0             2322                0                0                0
            LIQUID PETROL GAS
                POINT SOURCES          5                0               10                0                1
            OTHER
                POINT SOURCES        100                6              786               63              158
            TOTAL (INDUSTRIAL)
                AREA SOURCES        1538            10155            39262            13306             5019
                POINT SOURCES        413             4648             2810               79              256

        COMM-INSTITUTIONAL FUEL

            BITUMINOUS COAL
                AREA SOURCES        229              883              120                3               25
            RESIDUAL OIL
                AREA SOURCES        119             1661              419               10               35
```

```
*** M07 ***                                                                                          *** M07 ***

                                          NATIONAL EMISSIONS DATA SYSTEM
                                          ******************************

                                          ENVIRONMENTAL PROTECTION AGENCY
                                          *******************************

                                                                          RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                           AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
****************************                                   POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:107 ANDROSCOGGIN VALLEY

                                 PARTICULATES          SOX            NOX            HC             CO
                                 ************    ************   ************   ************   ************
                                  TONS / YR       TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

       RESIDENTIAL FUEL (AREA)

          ANTHRACITE COAL                 5              16              0              0             51
          DISTILLATE OIL                156            1803           1129             63            313
          NATURAL GAS                     8               0             55              3             14
          WOOD                         3280              66            131            657          23607
          TOTAL (RESIDENTIAL)          3449            1885           1315            723          23985

       ELEC GENERATION (POINT)

          RESIDUAL OIL                  206            4255           1312             13             63
          DISTILLATE OIL                  0               3              3              0              0
          TOTAL (ELEC GEN)              206            4258           1315             13             63

       INDUSTRIAL FUEL

          ANTHRACITE COAL
              AREA SOURCES                1               7              2              0              0
          BITUMINOUS COAL
              AREA SOURCES               58             404            107              2              6
          RESIDUAL OIL
              POINT SOURCES            3290           47469           8324            152            686
          DISTILLATE OIL
              AREA SOURCES                1              18             22              0              2
              POINT SOURCES             118             857             63              3             14
          NATURAL GAS
              AREA SOURCES                3               0             57              0              5
          COKE
              AREA SOURCES                1               5              1              0              0
          WOOD
              POINT SOURCES            3966             677           4508            901            901
          TOTAL (INDUSTRIAL)
              AREA SOURCES               64             434            189              2             13
              POINT SOURCES            7374           49003          12895           1056           1601

       COMM-INSTITUTIONAL FUEL

          RESIDUAL OIL
              POINT SOURCES             228            1757            365              5             31
          DISTILLATE OIL
              AREA SOURCES               13             203            153              9             35
              POINT SOURCES               8              29              2              0              0
          NATURAL GAS
              AREA SOURCES                3               0             60              2             10
```

```
                  AREA SOURCES            178               57               84               102              243
      OPEN BURNING
                  AREA SOURCES              2                0                0                 4                8
      TOTAL (COMM-INST)
                  AREA SOURCES            180               57               84               106              251

   INDUSTRIAL

      ON SITE INCINERATION
                  AREA SOURCES             41                9                9                35               53
      OPEN BURNING
                  AREA SOURCES              1                0                0                 1                5
      TOTAL (INDUSTRIAL)
                  AREA SOURCES             42                9                9                36               58

   TOTAL (SOLID WASTE DISP)
                  AREA SOURCES           2557              132              482              4664            14202
                  POINT SOURCES            31                7                5                 4               91

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

      GASOLINE

         LIGHT DUTY VEHICLES            25000              888            20882             30648           287389
         LIGHT DUTY TRUCKS               3977              211             4768              6277            50699
         HEAVY DUTY VEHICLES             1212               98             3366              4621            62967
         OFF HIGHWAY                       65               34              656              2364            25340
         TOTAL (GASOLINE)               30254             1231            29672             43910           426395

      DIESEL

         HEAVY DUTY VEHICLES             1431              603             6171               904             2508
         OFF HIGHWAY                      539              451             5441               800             1611
         RAIL                              14               33              218                54               76
         TOTAL (DIESEL)                  1984             1087            11830              1758             4195

   AIRCRAFT

      MILITARY                            172               17              103               306              551
      CIVIL                                 2                0                2                57             2603
      COMMERCIAL                            5               10               97               109              243
      TOTAL (AIRCRAFT)                    179               27              202               472             3397

   VESSELS

      DIESEL FUEL                           1                1               10                 3                4
      GASOLINE                              0                6               25              1016             3190
      TOTAL (VESSELS)                       1                7               35              1019             3194

   TOTAL (TRANSPORTATION)               32418             2352            41739             47159           437181

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                       199                1               48               282             1636
   STRUCTURAL FIRES                       320                0               39               240             1304
   GASOLINE STA EVAP LOSS                   0                0                0             11460                0
   SOLVENT EVAPORATION LOSS                 0                0                0             58824                0
   UNPAVED ROADS                        20307                0                0                 0                0
   UNPAVED AIRSTRIPS                       22                0                0                 0                0
   TOTAL (MISCELLANEOUS)                20848                1               87             70806             2940

GRAND TOTAL
```

```
                                                                                         *** M09 ***
*** M09 ***
    UNPAVED AIRSTRIPS                 2          0          0          0          0
    TOTAL (MISCELLANEOUS)        136747          6        203      15108       7157

GRAND TOTAL
***********

    AREA SOURCES                 151331       5161      30606      48978     241591

    POINT SOURCES                 32274      78617      37989       9724      32560

    TOTAL                        183605      83778      68595      58702     274151
```

```
*** M10 ***                                                                                                   *** M10 ***

                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                               RUN DATE:  TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                             AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
***************************                                      POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:159 CHAMPLAIN VALLEY

                               PARTICULATES          SOX            NOX             HC             CO
                               ************     ************   ************   ************   ************
                                TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

    EXTERNAL COMBUSTION

        RESIDENTIAL FUEL (AREA)

            ANTHRACITE COAL              16              43              5              4            146
            DISTILLATE OIL              150            1740           1086             60            303
            NATURAL GAS                  25               0            195             20             50
            WOOD                       2209              44             88            443          15894
            TOTAL (RESIDENTIAL)        2400            1827           1374            527          16393

        ELEC GENERATION (POINT)

            RESIDUAL OIL                  0              58             25              0              1
            NATURAL GAS                   0               0            190              0              5
            OTHER                        74              60            397             79             79
            TOTAL (ELEC GEN)             74             118            612             79             85

        INDUSTRIAL FUEL


            ANTHRACITE COAL
                AREA SOURCES              8              22             10              0              0
            BITUMINOUS COAL
                AREA SOURCES              1              10              6              0              0
                POINT SOURCES            35             227             47              1              3
            RESIDUAL OIL
                AREA SOURCES            131            1041            453              6             37
                POINT SOURCES          1716           26964           5251             87            438
            DISTILLATE OIL
                AREA SOURCES             22             216            261             13             36
                POINT SOURCES             1             141             16              0              3
            NATURAL GAS
                AREA SOURCES              7               0            273             60             32
                POINT SOURCES             8               0            199              3             13
            COKE
                AREA SOURCES             10              23              7              0              3
            WOOD
                POINT SOURCES           279              35            229             46             46
            LIQUID PETROL GAS
                POINT SOURCES             0               0              0              0             46
            TOTAL (INDUSTRIAL)
                AREA SOURCES            179            1312           1010             79            108
                POINT SOURCES          2039           27367           5742            137            549

        COMM-INSTITUTIONAL FUEL
```

```
*** M11 ***                                                                                                  *** M11 ***

                                         NATIONAL EMISSIONS DATA SYSTEM
                                         ******************************

                                         ENVIRONMENTAL PROTECTION AGENCY
                                         *******************************

                                                                          RUN DATE:   TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                         AREA EMISSIONS AS OF:   TUESDAY       JULY 21, 1981
*****************************                                POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:179 PARKERSBURG-MARIETTA

                               PARTICULATES       SOX            NOX            HC             CO
                               ************   ************   ************   ************   ************
                                TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         ANTHRACITE COAL                2              6              0              0             20
         BITUMINOUS COAL                8             32              1              8             38
         DISTILLATE OIL                 5             67             43              1             13
         NATURAL GAS                   53              2            426             42            107
         WOOD                         126              2              4             26            900
         TOTAL (RESIDENTIAL)          194            109            474             77           1078

      ELEC GENERATION (POINT)

         BITUMINOUS COAL             9685         433078          74350            803           2633
         DISTILLATE OIL                 1             19             47              1              2
         TOTAL (ELEC GEN)            9686         433097          74397            804           2635

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES               41            235             55              1              3
            POINT SOURCES             556          13219           3086             56            155
         RESIDUAL OIL
            POINT SOURCES              59           1044            153              8              9
         DISTILLATE OIL
            AREA SOURCES               27            265            322             16             45
            POINT SOURCES              29            635            247             13             22
         NATURAL GAS
            AREA SOURCES               73              5           6027           1914            736
            POINT SOURCES               8              0            195              2             14
         TOTAL (INDUSTRIAL)
            AREA SOURCES              141            505           6404           1931            784
            POINT SOURCES             652          14898           3681             79            200

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES                4             10              4              0              0
         BITUMINOUS COAL
            POINT SOURCES             404           1321            222             11             27
         RESIDUAL OIL
            AREA SOURCES                2             20             12              0              0
         DISTILLATE OIL
            AREA SOURCES                2             48             37              1              8
         NATURAL GAS
            AREA SOURCES               17              0            204             13             35
```

```
*** M12 ***
    MUNICIPAL INCINERATION          8         6         8         6        69
    OPEN BURNING                   13         1        59        35        22
    OTHER INCINERATION              2         1         7         2         0
    TOTAL (GOVERNMENT)             23         8        74        43        91

 RESIDENTIAL (AREA)

    ON SITE INCINERATION          818         9        26      2303      6911
    OPEN BURNING                 4102       155      1049      5534     17555
    TOTAL (RESIDENTIAL)          4920       164      1075      7837     24466

 COMMERCIAL-INSTITUTIONAL

    ON SITE INCINERATION
            AREA SOURCES           31         6        14        18        40
            POINT SOURCES          27        17        27        23       173
    OPEN BURNING
            AREA SOURCES           32         2        12        64       175
    TOTAL (COMM-INST)
            AREA SOURCES           63         8        26        82       215
            POINT SOURCES          27        17        27        23       173

 INDUSTRIAL

    ON SITE INCINERATION
            AREA SOURCES           36        10        10        29        43
            POINT SOURCES         428        97        82       148       740
    OPEN BURNING
            AREA SOURCES           30         0         7        41       165
            POINT SOURCES           4         0         1         4        26
    TOTAL (INDUSTRIAL)
            AREA SOURCES           66        10        17        70       208
            POINT SOURCES         432        97        83       152       766

 TOTAL (SOLID WASTE DISP)
            AREA SOURCES         5049       182      1118      7989     24889
            POINT SOURCES         482       122       184       218      1030

TRANSPORTATION (AREA)
**********************

 LAND VEHICLES

    GASOLINE

       LIGHT DUTY VEHICLES      28600      1524     36591     47563    381511
       LIGHT DUTY TRUCKS         7429       589     13133     14426    100668
       HEAVY DUTY VEHICLES       1571       173      5969      5823     80146
       OFF HIGHWAY                165        89      1638      5892     63217
       TOTAL (GASOLINE)         37765      2375     57331     73704    625542

    DIESEL

       HEAVY DUTY VEHICLES       5062      2619     24188      2694      7896
       OFF HIGHWAY               1422      1190     14369      2114      4251
       RAIL                       511      1155      7519      1909      2644
       TOTAL (DIESEL)            6995      4964     46076      6717     14791

  AIRCRAFT

     MILITARY                      52         5        31        92       166
     CIVIL                          0         0         3        69      3150
     COMMERCIAL                    18        41       381       426       948
     TOTAL (AIRCRAFT)              70        46       415       587      4264

  VESSELS
```

COMM-INSTITUTIONAL FUEL					
ANTHRACITE COAL					
AREA SOURCES	187	451	193	0	17
BITUMINOUS COAL					
POINT SOURCES	7	69	4	2	6
RESIDUAL OIL					
AREA SOURCES	841	11732	2952	48	246
POINT SOURCES	168	2201	1071	13	73
DISTILLATE OIL					
AREA SOURCES	83	1180	902	41	207
POINT SOURCES	9	92	66	1	10
NATURAL GAS					
AREA SOURCES	220	12	2624	174	438
POINT SOURCES	186	9	10984	45	324
TOTAL (COMM-INST)					
AREA SOURCES	1331	13375	6671	263	908
POINT SOURCES	370	2371	12125	61	413
TOTAL (EXTERNAL COMB)					
AREA SOURCES	10377	54711	42512	4063	8197
POINT SOURCES	68953	285191	271785	3481	21026
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	274	3209	6307	372	1053
OTHER	0	0	622	0	0
TOTAL (ELEC GEN)	274	3209	6929	372	1053
INDUSTRIAL FUEL					
DISTILLATE OIL	0	2	1	0	0
NATURAL GAS	9	1	5534	1880	690
TOTAL (INDUSTRIAL)	9	3	5535	1880	690
TOTAL (INTERNAL COMB)	283	3212	12464	2252	1743
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	10377	54711	42512	4063	8197
POINT SOURCES	69236	288403	284249	5733	22769
INDUSTRIAL PROCESS (POINT) ***************************					
CHEMICAL MANUFACTURING	6152	10774	1791	7801	36455
FOOD/AGRICULTURAL	12779	7	1	673	3
PRIMARY METAL	61392	43322	18133	28686	320688
SECONDARY METALS	3285	2869	1817	87	2145
MINERAL PRODUCTS	21631	7492	1364	243	961
PETROLEUM INDUSTRY	4124	52338	14098	3024	1497
WOOD PRODUCTS	1055	0	0	23	0
ORGANIC SOLVENT EVAPORATION	581	81	737	87865	866
PETROLEUM STORAGE/TRANSPORT	1233	0	13	25488	0
METAL FABRICATION	328	0	10	644	0
OTHER/NOT CLASSIFIED	2194	9066	13653	306	559
TOTAL (INDUSTRIAL)	114754	125949	51617	154840	363174
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					

```
*** NO3 ***                                                                                     *** NO3 ***
        OPEN BURNING                1904        71       487      2567      8141
        TOTAL (RESIDENTIAL)         3085        89       524      5895     18123

    COMMERCIAL-INSTITUTIONAL

        ON SITE INCINERATION
                AREA SOURCES         110        35        52        64       151
                POINT SOURCES        370       608       122       131       413
        OPEN BURNING
                AREA SOURCES           2         0         0         4         8
        TOTAL (COMM-INST)
                AREA SOURCES         112        35        52        68       159
                POINT SOURCES        370       608       122       131       413

    INDUSTRIAL

        ON SITE INCINERATION
                AREA SOURCES         221        44        44       200       296
                POINT SOURCES          2         3         4         4        13
        OPEN BURNING
                AREA SOURCES           4         0         1         7        25
        TOTAL (INDUSTRIAL)
                AREA SOURCES         225        44        45       207       321
                POINT SOURCES          2         3         4         4        13

    TOTAL (SOLID WASTE DISP)
                AREA SOURCES        3422       168       621      6170     18603
                POINT SOURCES        736       976       564       354      5536

TRANSPORTATION (AREA)
*********************

    LAND VEHICLES

        GASOLINE

            LIGHT DUTY VEHICLES    58956      2004     47500     74121    683168
            LIGHT DUTY TRUCKS       9091       475     10641     14521    115165
            HEAVY DUTY VEHICLES     1930       152      4907      6856     93955
            OFF HIGHWAY              155        80      1527      5496     58941
            TOTAL (GASOLINE)       70132      2711     64575    100994    951229

        DIESEL

            HEAVY DUTY VEHICLES     7054      2797     27294      4142     11827
            OFF HIGHWAY              573       481      5784       850      1712
            RAIL                     834      1897     12323      3129      4331
            TOTAL (DIESEL)          8461      5175     45401      8121     17870

    AIRCRAFT

        MILITARY                     312        29       187       556       999
        CIVIL                          4         2         7       106      4757
        COMMERCIAL                   128       282      2633      2945      6569
        TOTAL (AIRCRAFT)             444       313      2827      3607     12325

    VESSELS

        DIESEL FUEL                   74        93       701       186       246
        GASOLINE                       0        12        47      1927      6050
        TOTAL (VESSELS)               74       105       748      2113      6296

    TOTAL (TRANSPORTATION)         79111      8304    113551    114835    987720

MISCELLANEOUS (AREA)
********************
```

```
*** NO4 ***                                                                                        *** NO4 ***
    AREA SOURCES              35602        13374        44191        54250        238592
    POINT SOURCES             53536       823942       151447        20827         58258
    TOTAL                     89138       837316       195638        75077        296850
```

*** N05 ***

*** N05 ***

```
                                                                                                         *** N06 ***
*** N06 ***        POINT SOURCES              17           218            58             2             5
          DISTILLATE OIL
              AREA SOURCES                    23           326           250            37            57
              POINT SOURCES                    0             1             0             0             0
          NATURAL GAS
              AREA SOURCES                   182            10          2180           116           364
              POINT SOURCES                   11             1           802             1            20
          TOTAL (COMM-INST)
              AREA SOURCES                   553          2880          2969           166           481
              POINT SOURCES                   28           220           860             3            25

      TOTAL (EXTERNAL COMB)
              AREA SOURCES                  2518         13165         44911         13812          6808
              POINT SOURCES                27547        139649         51621           815          2477

   INTERNAL COMBUSTION (POINT)

      ELECTRIC GENERATION

           DISTILLATE OIL                     19           142           256            43           115
           NATURAL GAS                         1             0            38            26            71
           TOTAL (ELEC GEN)                   20           142           294            69           186

      INDUSTRIAL FUEL

           NATURAL GAS                         1             0           414           170            53
           TOTAL (INDUSTRIAL)                  1             0           414           170            53

      TOTAL (INTERNAL COMB)                   21           142           708           239           239

   TOTAL (FUEL COMBUSTION)

                AREA SOURCES                2518         13165         44911         13812          6808
                POINT SOURCES              27568        139791         52329          1054          2716

INDUSTRIAL PROCESS (POINT)
**************************

    CHEMICAL MANUFACTURING                    40          8390             2            22             0
    FOOD/AGRICULTURAL                       9537           109             0             0             0
    PRIMARY METAL                            200             0             0             0             0
    SECONDARY METALS                          92             6            97             8           439
    MINERAL PRODUCTS                       17610          1821          1301          1437           341
    PETROLEUM INDUSTRY                       331          7695          1816          2423           703
    ORGANIC SOLVENT EVAPORATION                9             0             0         55935             0
    PETROLEUM STORAGE/TRANSPORT                0             0             0          5517             0
    METAL FABRICATION                        100             0             0           173             0
    OTHER/NOT CLASSIFIED                      29             2             7             2             2
    TOTAL (INDUSTRIAL)                     27948         18023          3223         65517          1485

SOLID WASTE DISPOSAL
********************

    GOVERNMENT (POINT)

       OPEN BURNING                            1             0             0             2             4
       TOTAL (GOVERNMENT)                      1             0             0             2             4

    RESIDENTIAL (AREA)

       ON SITE INCINERATION                 3215            50           100          9041         27120
       OPEN BURNING                         3556           131           910          4797         15216
       TOTAL (RESIDENTIAL)                  6771           181          1010         13838         42336

    COMMERCIAL-INSTITUTIONAL
```

```
*** N07 ***                                                                                                   *** N07 ***
          TOTAL (COMM-INST)
                AREA SOURCES              16           203           213            11            45
                POINT SOURCES            236          1786           367             5            31

        TOTAL (EXTERNAL COMB)
                AREA SOURCES            3529          2522          1717           736         24043
                POINT SOURCES           7816         55047         14577          1074          1695

      INTERNAL COMBUSTION (POINT)

        ELECTRIC GENERATION

          DISTILLATE OIL                   0             4            12             1             2
          TOTAL (ELEC GEN)                 0             4            12             1             2

        TOTAL (INTERNAL COMB)              0             4            12             1             2

      TOTAL (FUEL COMBUSTION)

                AREA SOURCES            3529          2522          1717           736         24043
                POINT SOURCES           7816         55051         14589          1075          1697

INDUSTRIAL PROCESS (POINT)
**************************

      CHEMICAL MANUFACTURING             126          1703             0          4700             0
      FOOD/AGRICULTURAL                   10             0             0             0             0
      SECONDARY METALS                     6             0             0             0            47
      MINERAL PRODUCTS                  4264            65            29             1             0
      WOOD PRODUCTS                     8932         15038          1390           166         31526
      ORGANIC SOLVENT EVAPORATION          2             0             0           785             0
      PETROLEUM STORAGE/TRANSPORT          0             0             0          2244             0
      TEXTILE MANUFACTURING                2             0             0            51             0
      OTHER/NOT CLASSIFIED                 0          2396             9            81             0
      TOTAL (INDUSTRIAL)               13342         19202          1428          8028         31573

SOLID WASTE DISPOSAL
********************

      GOVERNMENT (POINT)

          MUNICIPAL INCINERATION           5             1             1             5             7
          OPEN BURNING                   729            44           273          1366          3873
          OTHER INCINERATION              70             7            18            70           211
          TOTAL (GOVERNMENT)             804            52           292          1441          4091

      RESIDENTIAL (AREA)

          ON SITE INCINERATION           253             2             8           717          2152
          OPEN BURNING                   801            31           206          1082          3432
          TOTAL (RESIDENTIAL)           1054            33           214          1799          5584

      COMMERCIAL-INSTITUTIONAL

          ON SITE INCINERATION
                AREA SOURCES              61            19            32            36            87
                POINT SOURCES              5             2             2             4             9
          OPEN BURNING
                POINT SOURCES             42             3            16            79           223
          TOTAL (COMM-INST)
                AREA SOURCES              61            19            32            36            87
                POINT SOURCES             47             5            18            83           232

      INDUSTRIAL

          ON SITE INCINERATION
```

```
*** N08 ***
************

    AREA SOURCES                 58123        8630       47659      123286      467213

    POINT SOURCES                 2572      146038       46509       33013        1686

    TOTAL                        60695      154668       94168      156299      468899
```

*** N09 ***

*** N09 ***

*** N10 *** *** N10 ***

ANTHRACITE COAL					
AREA SOURCES	9	20	9	0	0
BITUMINOUS COAL					
POINT SOURCES	1589	836	183	12	24
RESIDUAL OIL					
AREA SOURCES	95	851	339	4	28
POINT SOURCES	424	5630	1072	18	89
DISTILLATE OIL					
AREA SOURCES	17	257	195	9	45
POINT SOURCES	15	942	130	5	29
NATURAL GAS					
AREA SOURCES	8	0	90	4	15
POINT SOURCES	1	0	21	1	3
TOTAL (COMM-INST)					
AREA SOURCES	129	1128	633	17	88
POINT SOURCES	2029	7408	1406	36	145
TOTAL (EXTERNAL COMB)					
AREA SOURCES	2708	4267	3017	623	16589
POINT SOURCES	4142	34893	7760	252	779
INTERNAL COMBUSTION (POINT)					
ELECTRIC GENERATION					
DISTILLATE OIL	4	10	47	4	11
TOTAL (ELEC GEN)	4	10	47	4	11
TOTAL (INTERNAL COMB)	4	10	47	4	11
TOTAL (FUEL COMBUSTION)					
AREA SOURCES	2708	4267	3017	623	16589
POINT SOURCES	4146	34903	7807	256	790
INDUSTRIAL PROCESS (POINT) **************************					
CHEMICAL MANUFACTURING	0	0	0	15	0
FOOD/AGRICULTURAL	923	0	0	0	0
SECONDARY METALS	2	0	0	0	0
MINERAL PRODUCTS	67	0	0	0	0
WOOD PRODUCTS	330	0	0	21	0
ORGANIC SOLVENT EVAPORATION	5	0	0	1539	0
PETROLEUM STORAGE/TRANSPORT	0	0	0	1741	0
OTHER/NOT CLASSIFIED	8708	90	13	21176	0
TOTAL (INDUSTRIAL)	10035	90	13	24492	0
SOLID WASTE DISPOSAL ********************					
GOVERNMENT (POINT)					
MUNICIPAL INCINERATION	15	1	1	7	9
TOTAL (GOVERNMENT)	15	1	1	7	9
RESIDENTIAL (AREA)					
ON SITE INCINERATION	197	2	6	555	1666
OPEN BURNING	896	33	230	1212	3847
TOTAL (RESIDENTIAL)	1093	35	236	1767	5513
COMMERCIAL-INSTITUTIONAL					
ON SITE INCINERATION					
AREA SOURCES	82	25	38	49	113

```
        WOOD
           POINT SOURCES                      3            5           34            7            7
        TOTAL (COMM-INST)
           AREA SOURCES                      25           78          257           14           43
           POINT SOURCES                    407         1326          256           18           34

     TOTAL (EXTERNAL COMB)
           AREA SOURCES                     360          692         7135         2022         1905
           POINT SOURCES                  10745       449321        78334          901         2869

  TOTAL (FUEL COMBUSTION)

           AREA SOURCES                     360          692         7135         2022         1905
           POINT SOURCES                  10745       449321        78334          901         2869

INDUSTRIAL PROCESS (POINT)
**************************

  CHEMICAL MANUFACTURING                    503         4014          621         2812        53271
  PRIMARY METAL                            9707         6837            0           17        89699
  SECONDARY METALS                          300           36            0            0           64
  MINERAL PRODUCTS                          553            0            0            0            0
  PETROLEUM INDUSTRY                          3           28            0          213            0
  ORGANIC SOLVENT EVAPORATION                 0            0            0          200            0
  TEXTILE MANUFACTURING                       8            0            0            0            0
  TOTAL (INDUSTRIAL)                      11074        10915          621         3242       143034

SOLID WASTE DISPOSAL
********************

  RESIDENTIAL (AREA)

      ON SITE INCINERATION                  125            2            3          352         1056
      OPEN BURNING                          657           23          168          885         2806
      TOTAL (RESIDENTIAL)                   782           25          171         1237         3862

  COMMERCIAL-INSTITUTIONAL

      ON SITE INCINERATION
              AREA SOURCES                   28            8           13           16           39
      TOTAL (COMM-INST)
              AREA SOURCES                   28            8           13           16           39

  INDUSTRIAL

      ON SITE INCINERATION
              AREA SOURCES                   10            2            2           10           15
              POINT SOURCES                  47            9           66           17           22
      OPEN BURNING
              AREA SOURCES                    9            0            3           16           60
      TOTAL (INDUSTRIAL)
              AREA SOURCES                   19            2            5           26           75
              POINT SOURCES                  47            9           66           17           22

  TOTAL (SOLID WASTE DISP)
              AREA SOURCES                  829           35          189         1279         3976
              POINT SOURCES                  47            9           66           17           22

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

      GASOLINE

          LIGHT DUTY VEHICLES              4359          227         5520         7006        57304
      DIESEL FUEL                        111          141         1051          279          367
      GASOLINE                             0           24          103         4106        12889
      TOTAL (VESSELS)                    111          165         1154         4385        13256

   TOTAL (TRANSPORTATION)              44941         7550       104976        85393       657853

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                      905            2          213         1272         7443
   FOREST MANAGED BURNING                880            4          174          791         4929
   STRUCTURAL FIRES                      548            0           62          407         2221
   GASOLINE STA EVAP LOSS                  0            0            0         8665            0
   SOLVENT EVAPORATION LOSS                0            0            0        54287            0
   UNPAVED ROADS                      141896            0            0            0            0
   TOTAL (MISCELLANEOUS)              144229            6          449        65422        14593

GRAND TOTAL
***********

   AREA SOURCES                       195377         9450       111714       160098       702872

   POINT SOURCES                       52212       385172       137912        74615        61561

   TOTAL                              247589       394622       249626       234713       764433
```

```
A01...AQCR:047 NATIONAL CAPITAL
B01...AQCR:049 JACKSONVILLE-BRUNSWICK
C01...AQCR:049 JACKSONVILLE-BRUNSWICK
D01...AQCR:049 JACKSONVILLE-BRUNSWICK
E01...AQCR:049 JACKSONVILLE-BRUNSWICK
F01...AQCR:049 JACKSONVILLE-BRUNSWICK
G01...AQCR:053 AUGUSTA-AIKEN
H01...AQCR:053 AUGUSTA-AIKEN
I01...AQCR:053 AUGUSTA-AIKEN
J01...AQCR:053 AUGUSTA-AIKEN
K01...AQCR:055 CHATTANOOGA
L01...AQCR:055 CHATTANOOGA
M01...AQCR:055 CHATTANOOGA
N01...AQCR:055 CHATTANOOGA
O01...AQCR:058 SAVANNAH-BEAUFORT
A02...AQCR:058 SAVANNAH-BEAUFORT
B02...AQCR:058 SAVANNAH-BEAUFORT
C02...AQCR:058 SAVANNAH-BEAUFORT
D02...AQCR:062 EASTERN WASHINGTON-NORTH
E02...AQCR:062 EASTERN WASHINGTON-NORTH
F02...AQCR:062 EASTERN WASHINGTON-NORTH
G02...AQCR:062 EASTERN WASHINGTON-NORTH
H02...AQCR:065 BURLINGTON-KEOKUK
I02...AQCR:065 BURLINGTON-KEOKUK
J02...AQCR:065 BURLINGTON-KEOKUK
K02...AQCR:065 BURLINGTON-KEOKUK
L02...AQCR:065 BURLINGTON-KEOKUK
M02...AQCR:067 METROPOLITAN CHICAGO
N02...AQCR:067 METROPOLITAN CHICAGO
O02...AQCR:067 METROPOLITAN CHICAGO
A03...AQCR:067 METROPOLITAN CHICAGO
B03...AQCR:067 METROPOLITAN CHICAGO
C03...AQCR:068 METROPOLITAN DUBUQUE
D03...AQCR:068 METROPOLITAN DUBUQUE
E03...AQCR:068 METROPOLITAN DUBUQUE
F03...AQCR:068 METROPOLITAN DUBUQUE
G03...AQCR:069 METROPOLITAN QUAD CITIES
H03...AQCR:069 METROPOLITAN QUAD CITIES
I03...AQCR:069 METROPOLITAN QUAD CITIES
J03...AQCR:069 METROPOLITAN QUAD CITIES
K03...AQCR:069 METROPOLITAN QUAD CITIES
L03...AQCR:070 METROPOLITAN ST. LOUIS
M03...AQCR:070 METROPOLITAN ST. LOUIS
N03...AQCR:070 METROPOLITAN ST. LOUIS
O03...AQCR:070 METROPOLITAN ST. LOUIS

A04...AQCR:070 METROPOLITAN ST. LOUIS
B04...AQCR:072 PADUCAH-CAIRO
C04...AQCR:072 PADUCAH-CAIRO
D04...AQCR:072 PADUCAH-CAIRO
E04...AQCR:072 PADUCAH-CAIRO
F04...AQCR:073 ROCKFORD-JANESVILLE-BELO
G04...AQCR:073 ROCKFORD-JANESVILLE-BELO
H04...AQCR:073 ROCKFORD-JANESVILLE-BELO
I04...AQCR:073 ROCKFORD-JANESVILLE-BELO
J04...AQCR:073 ROCKFORD-JANESVILLE-BELO
K04...AQCR:077 EVANSVILLE-OWENSBORO-HEN
L04...AQCR:077 EVANSVILLE-OWENSBORO-HEN
M04...AQCR:077 EVANSVILLE-OWENSBORO-HEN
N04...AQCR:077 EVANSVILLE-OWENSBORO-HEN
O04...AQCR:077 EVANSVILLE-OWENSBORO-HEN
A05...AQCR:078 LOUISVILLE
B05...AQCR:078 LOUISVILLE
C05...AQCR:078 LOUISVILLE
D05...AQCR:078 LOUISVILLE
E05...AQCR:078 LOUISVILLE
F05...AQCR:079 METROPOLITAN CINCINNATI
G05...AQCR:079 METROPOLITAN CINCINNATI
H05...AQCR:079 METROPOLITAN CINCINNATI
I05...AQCR:079 METROPOLITAN CINCINNATI
J05...AQCR:079 METROPOLITAN CINCINNATI
K05...AQCR:082 SOUTH BEND-ELKHART-BENTO
L05...AQCR:082 SOUTH BEND-ELKHART-BENTO
M05...AQCR:082 SOUTH BEND-ELKHART-BENTO
N05...AQCR:082 SOUTH BEND-ELKHART-BENTO
O05...AQCR:085 METROPOLITAN OMAHA-COUNC
A06...AQCR:085 METROPOLITAN OMAHA-COUNC
B06...AQCR:085 METROPOLITAN OMAHA-COUNC
C06...AQCR:085 METROPOLITAN OMAHA-COUNC
D06...AQCR:085 METROPOLITAN OMAHA-COUNC
E06...AQCR:086 METROPOLITAN SIOUX CITY
F06...AQCR:086 METROPOLITAN SIOUX CITY
G06...AQCR:086 METROPOLITAN SIOUX CITY
H06...AQCR:086 METROPOLITAN SIOUX CITY
I06...AQCR:087 METROPOLITAN SIOUX FALLS
J06...AQCR:087 METROPOLITAN SIOUX FALLS
K06...AQCR:087 METROPOLITAN SIOUX FALLS
L06...AQCR:087 METROPOLITAN SIOUX FALLS
M06...AQCR:094 METROPOLITAN KANSAS CITY
N06...AQCR:094 METROPOLITAN KANSAS CITY
O06...AQCR:094 METROPOLITAN KANSAS CITY

A07...AQCR:094 METROPOLITAN KANSAS CITY
B07...AQCR:094 METROPOLITAN KANSAS CITY
C07...AQCR:103 HUNTINGTON-ASHLAND-PORTS
D07...AQCR:103 HUNTINGTON-ASHLAND-PORTS
E07...AQCR:103 HUNTINGTON-ASHLAND-PORTS
F07...AQCR:103 HUNTINGTON-ASHLAND-PORTS
G07...AQCR:103 HUNTINGTON-ASHLAND-PORTS
H07...AQCR:106 SOUTHERN LOUISIANA-SOUTH
I07...AQCR:106 SOUTHERN LOUISIANA-SOUTH
J07...AQCR:106 SOUTHERN LOUISIANA-SOUTH
K07...AQCR:106 SOUTHERN LOUISIANA-SOUTH
L07...AQCR:106 SOUTHERN LOUISIANA-SOUTH
M07...AQCR:107 ANDROSCOGGIN VALLEY
N07...AQCR:107 ANDROSCOGGIN VALLEY
O07...AQCR:107 ANDROSCOGGIN VALLEY
A08...AQCR:107 ANDROSCOGGIN VALLEY
B08...AQCR:107 ANDROSCOGGIN VALLEY
C08...AQCR:113 CUMBERLAND-KEYSER
D08...AQCR:113 CUMBERLAND-KEYSER
E08...AQCR:113 CUMBERLAND-KEYSER
F08...AQCR:113 CUMBERLAND-KEYSER
G08...AQCR:120 METROPOLITAN PROVIDENCE
H08...AQCR:120 METROPOLITAN PROVIDENCE
I08...AQCR:120 METROPOLITAN PROVIDENCE
J08...AQCR:120 METROPOLITAN PROVIDENCE
K08...AQCR:121 MERRIMACK VALLEY-SOUTHER
L08...AQCR:121 MERRIMACK VALLEY-SOUTHER
M08...AQCR:121 MERRIMACK VALLEY-SOUTHER
N08...AQCR:121 MERRIMACK VALLEY-SOUTHER
O08...AQCR:121 MERRIMACK VALLEY-SOUTHER
A09...AQCR:124 METROPOLITAN TOLEDO
B09...AQCR:124 METROPOLITAN TOLEDO
C09...AQCR:124 METROPOLITAN TOLEDO
D09...AQCR:124 METROPOLITAN TOLEDO
E09...AQCR:128 SOUTHEAST MINNESOTA-LA C
F09...AQCR:128 SOUTHEAST MINNESOTA-LA C
G09...AQCR:128 SOUTHEAST MINNESOTA-LA C
H09...AQCR:128 SOUTHEAST MINNESOTA-LA C
I09...AQCR:128 SOUTHEAST MINNESOTA-LA C
J09...AQCR:129 DULUTH-SUPERIOR
K09...AQCR:129 DULUTH-SUPERIOR
L09...AQCR:129 DULUTH-SUPERIOR
M09...AQCR:129 DULUTH-SUPERIOR
N09...AQCR:129 DULUTH-SUPERIOR
O09...AQCR:130 METROPOLITAN FARGO-MOORH

          FICHE/SEGMT     8    8 CKPT:    1, 5228,  984,    2,  126
```

```
                                      NATIONAL EMISSIONS DATA SYSTEM
                                     ********************************

                                      ENVIRONMENTAL PROTECTION AGENCY
                                     *********************************

                                                                 RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*****************************                       POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:058 SAVANNAH-BEAUFORT

                            PARTICULATES          SOX            NOX             HC             CO
                            ************     ************   ************   ************   ************
                             TONS / YR        TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL               6              77             46              2             12
         NATURAL GAS                 29               1            245             25             61
         WOOD                       550               9             22            111           3951
         TOTAL (RESIDENTIAL)        585              87            313            138           4024

      ELEC GENERATION (POINT)

         BITUMINOUS COAL            624           30137          24422            167            556
         RESIDUAL OIL              1338           16360           2870             39            194
         NATURAL GAS                  5               0            670              1             16
         OTHER                     3567             350           2337            467            467
         TOTAL (ELEC GEN)          5534           46847          30299            674           1233

      INDUSTRIAL FUEL

         RESIDUAL OIL
            POINT SOURCES           927           13407           2986             59            246
         DISTILLATE OIL
            AREA SOURCES              5              66             82              3             12
            POINT SOURCES             5              27             29              2              4
         NATURAL GAS
            AREA SOURCES             12               0            397             86             45
            POINT SOURCES            64              32           3867             17            133
         WOOD
            POINT SOURCES           100              49              0              0              0
         TOTAL (INDUSTRIAL)
            AREA SOURCES             17              66            479             89             57
            POINT SOURCES          1096           13515           6882             78            383

      COMM-INSTITUTIONAL FUEL

         BITUMINOUS COAL
            AREA SOURCES              5               9              3              0              1
         RESIDUAL OIL
            AREA SOURCES              1              22              4              0              0
            POINT SOURCES            59             678            137              7              9
         DISTILLATE OIL
            AREA SOURCES              3              52             41              1              8
            POINT SOURCES             1              19             14              1              3
         NATURAL GAS
            AREA SOURCES             18               1            218             12             37
            POINT SOURCES             3               0             50              2              4
         TOTAL (COMM-INST)
```

```
*** 002 ***
     MUNICIPAL INCINERATION          56         27         23          2         38
     OTHER INCINERATION               1          0          0          0          0
     TOTAL (GOVERNMENT)              57         27         23          2         38

  RESIDENTIAL (AREA)

     ON SITE INCINERATION          4246         67        132      11938      35816
     OPEN BURNING                  2621         96        670       3536      11214
     TOTAL (RESIDENTIAL)           6867        163        802      15474      47030

  COMMERCIAL-INSTITUTIONAL

     ON SITE INCINERATION
            AREA SOURCES            121         38         57         70        166
            POINT SOURCES            39         20         71         11         33
     OPEN BURNING
            AREA SOURCES              3          0          1          7         17
     TOTAL (COMM-INST)
            AREA SOURCES            124         38         58         77        183
            POINT SOURCES            39         20         71         11         33

  INDUSTRIAL

     ON SITE INCINERATION
            AREA SOURCES             96         19         19         87        130
            POINT SOURCES           298        107         77        162        929
     OPEN BURNING
            AREA SOURCES             51          2         18         90        314
     TOTAL (INDUSTRIAL)
            AREA SOURCES            147         21         37        177        444
            POINT SOURCES           298        107         77        162        929

  TOTAL (SOLID WASTE DISP)
            AREA SOURCES           7138        222        897      15728      47657
            POINT SOURCES           394        154        171        175       1000

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES      152620       4597     104991     167381    1637215
        LIGHT DUTY TRUCKS         15145        653      14228      21354     180660
        HEAVY DUTY VEHICLES        6000        422      13348      21089     291285
        OFF HIGHWAY                 329        176       3273      11786     126373
        TOTAL (GASOLINE)         174094       5848     135840     221610    2235533

     DIESEL

        HEAVY DUTY VEHICLES       19275       7371      73381      11570      32539
        OFF HIGHWAY                 607        508       6147        902       1820
        RAIL                       2575       5868      38083       9676      13378
        TOTAL (DIESEL)            22457      13747     117611      22148      47737

  AIRCRAFT

     MILITARY                       178         16        106        316        568
     CIVIL                            9          4         12        186       8562
     COMMERCIAL                     173        380       3549       3971       8855
     TOTAL (AIRCRAFT)               360        400       3667       4473      17985

  VESSELS

     DIESEL FUEL                     32         42        305         81        108
```

```
*** 003 ***                                                                                                   *** 003 **

    FOREST WILDFIRES                       62            0            12            85           497
    STRUCTURAL FIRES                      534            1            63           401          2171
    GASOLINE STA EVAP LOSS                  0            0             0         11677             0
    SOLVENT EVAPORATION LOSS                0            0             0        100869             0
    UNPAVED ROADS                      401420            0             0             0             0
    TOTAL (MISCELLANEOUS)              402016            1            75        113032          2668

GRAND TOTAL
************

    AREA SOURCES                       488550        30248        131314        236853       1013349

    POINT SOURCES                       66251       839779        338399         65064        220114

    TOTAL                              554801       870027        469713        301917       1233463
```

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                                    RUN DATE:  TUESDAY    JANUARY 26, 1982
AQCR EMISSIONS REPORT                                                 AREA EMISSIONS AS OF:  TUESDAY       JULY 21, 1981
*****************************                                        POINT EMISSIONS AS OF:  THURSDAY       MAY 28, 1981
AQCR:085 METROPOLITAN OMAHA-COUNCIL BLUFFS

                                   PARTICULATES       SOX           NOX            HC             CO
                                   ************  ************  ************  ************  ************
                                    TONS / YR     TONS / YR     TONS / YR     TONS / YR     TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         BITUMINOUS COAL                    2             4             0             9             6
         DISTILLATE OIL                     8            86            54             7            15
         NATURAL GAS                      101             6           817            92           204
         WOOD                              10             0             0             4            72
         TOTAL (RESIDENTIAL)              121            96           871           112           297

      ELEC GENERATION (POINT)

         BITUMINOUS COAL                 6966         19591         14732           275           800
         DISTILLATE OIL                     2            28            25             1             4
         NATURAL GAS                        6             0           489             0            12
         TOTAL (ELEC GEN)                6974         19619         15246           276           816

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES                 1477          3671          1789            42           116
         RESIDUAL OIL
            AREA SOURCES                    1            11             3             4             0
            POINT SOURCES                  51           680           201             4            17
         DISTILLATE OIL
            AREA SOURCES                    1             7             9             0.            1
            POINT SOURCES                   6           173            67             3            15
         NATURAL GAS
            AREA SOURCES                   73             4          4395           117           554
            POINT SOURCES                  24             1           833             7            45
         LIQUID PETROL GAS
            POINT SOURCES                   0             0             1             0             0
         OTHER
            POINT SOURCES                   1             8             6             0             1
         TOTAL (INDUSTRIAL)
            AREA SOURCES                 1552          3693          6196           163           671
            POINT SOURCES                  82           862          1108            14            78

      COMM-INSTITUTIONAL FUEL

         ANTHRACITE COAL
            AREA SOURCES                    5            13             6             0             0
         BITUMINOUS COAL
            AREA SOURCES                  103           166            49             0            10
         RESIDUAL OIL
            AREA SOURCES                    3            37             9             3             1
```

```
*** 006 ***                                                                                          *** 006 ***
     ON SITE INCINERATION
             AREA SOURCES              43          13          20          25          58
     OPEN BURNING
             AREA SOURCES               8           0           2          16          37
     TOTAL (COMM-INST)
             AREA SOURCES              51          13          22          41          95

   INDUSTRIAL

     ON SITE INCINERATION
             AREA SOURCES              21           4           4          20          29
             POINT SOURCES              3           3           3          33          90
     OPEN BURNING
             AREA SOURCES              65           2          21         111         394
     TOTAL (INDUSTRIAL)
             AREA SOURCES              86           6          25         131         423
             POINT SOURCES              3           3           3          33          90

   TOTAL (SOLID WASTE DISP)
             AREA SOURCES            6908         200        1057       14010       42854
             POINT SOURCES              4           3           3          35          94

TRANSPORTATION (AREA)
*********************

   LAND VEHICLES

     GASOLINE

        LIGHT DUTY VEHICLES         31175         967       22522       37023      348948
        LIGHT DUTY TRUCKS            6490         289        6347        9625       79500
        HEAVY DUTY VEHICLES          1468         108        3381        5252       70842
        OFF HIGHWAY                    89          47         893        3211       34443
        TOTAL (GASOLINE)            39222        1411       33143       55111      533733

     DIESEL

        HEAVY DUTY VEHICLES          4821        1856       18133        2849        8134
        OFF HIGHWAY                   477         400        4817         710        1426
        RAIL                          820        1868       12133        3081        4266
        TOTAL (DIESEL)               6118        4124       35083        6640       13826

   AIRCRAFT

     MILITARY                         103           9          63         182         330
     CIVIL                              3           0           3          67        3020
     COMMERCIAL                        47         104         967        1081        2413
     TOTAL (AIRCRAFT)                 153         113        1033        1330        5763

   VESSELS

     DIESEL FUEL                        7          10          71          19          26
     GASOLINE                           0           3          17         652        2111
     TOTAL (VESSELS)                    7          13          88         671        2137

   TOTAL (TRANSPORTATION)           45500        5661       69347       63752      555459

MISCELLANEOUS (AREA)
********************

   FOREST WILDFIRES                   133           0          30         187        1084
   STRUCTURAL FIRES                   402           1          47         302        1641
   GASOLINE STA EVAP LOSS               0           0           0        7512           0
   SOLVENT EVAPORATION LOSS             0           0           0       60690           0
   UNPAVED ROADS                   410988           0           0           0           0
   UNPAVED AIRSTRIPS                  218           0           0           0           0
```

AREA SOURCES	12	2	2	11	15
POINT SOURCES	7	1	1	6	10
OPEN BURNING					
AREA SOURCES	10	0	2	16	60
POINT SOURCES	803	50	300	1503	4284
TOTAL (INDUSTRIAL)					
AREA SOURCES	22	2	4	27	75
POINT SOURCES	810	51	301	1509	4294
TOTAL (SOLID WASTE DISP)					
AREA SOURCES	1137	54	250	1862	5746
POINT SOURCES	1661	108	611	3033	8617
TRANSPORTATION (AREA)					
**********************					
LAND VEHICLES					
GASOLINE					
LIGHT DUTY VEHICLES	5126	289	7183	8539	69508
LIGHT DUTY TRUCKS	1533	123	2874	3113	22295
HEAVY DUTY VEHICLES	354	40	1461	1450	19931
OFF HIGHWAY	35	18	335	1199	12852
TOTAL (GASOLINE)	7048	470	11853	14301	124586
DIESEL					
HEAVY DUTY VEHICLES	609	325	3266	363	1009
OFF HIGHWAY	197	164	1986	293	589
RAIL	43	95	623	157	218
TOTAL (DIESEL)	849	584	5875	813	1816
AIRCRAFT					
CIVIL	0	0	0	30	1352
TOTAL (AIRCRAFT)	0	0	0	30	1352
VESSELS					
DIESEL FUEL	2	3	20	5	7
RESIDUAL OIL	1	10	2	0	0
GASOLINE	0	8	32	1726	4165
TOTAL (VESSELS)	3	21	54	1731	4172
TOTAL (TRANSPORTATION)	7900	1075	17782	16475	131926
MISCELLANEOUS (AREA)					
**********************					
FOREST WILDFIRES	34	0	8	46	281
AGRICULTURAL BURNING	2	0	0	2	12
STRUCTURAL FIRES	114	0	13	85	466
GASOLINE STA EVAP LOSS	0	0	0	1852	0
SOLVENT EVAPORATION LOSS	0	0	0	14063	0
UNPAVED ROADS	23479	0	0	0	0
UNPAVED AIRSTRIPS	37	0	0	0	0
TOTAL (MISCELLANEOUS)	23666	0	21	16048	759
GRAND TOTAL					
************					
AREA SOURCES	36232	3651	19770	35121	162474
POINT SOURCES	22819	74361	16628	12136	41887

```
                                              NATIONAL EMISSIONS DATA SYSTEM
                                              ******************************

                                              ENVIRONMENTAL PROTECTION AGENCY
                                              *******************************

                                                                          RUN DATE:  TUESDAY     JANUARY 26, 1982
AQCR EMISSIONS REPORT                                          AREA EMISSIONS AS OF:  TUESDAY        JULY 21, 1981
*****************************                                 POINT EMISSIONS AS OF:  THURSDAY        MAY 28, 1981
AQCR:130 METROPOLITAN FARGO-MOORHEAD

                              PARTICULATES        SOX            NOX            HC             CO
                              ************   ************   ************   ************   ************
                               TONS / YR      TONS / YR      TONS / YR      TONS / YR      TONS / YR

FUEL COMBUSTION
***************

   EXTERNAL COMBUSTION

      RESIDENTIAL FUEL (AREA)

         DISTILLATE OIL              29            338            212             11             59
         NATURAL GAS                 15              1            117             12             29
         WOOD                         9              0              0              2             63
         TOTAL (RESIDENTIAL)         53            339            329             25            151

      ELEC GENERATION (POINT)

         LIGNITE                      5            918            306             51            102
         TOTAL (ELEC GEN)             5            918            306             51            102

      INDUSTRIAL FUEL

         BITUMINOUS COAL
            AREA SOURCES            907           1918           1009             30             65
         LIGNITE
            POINT SOURCES          1058           1304            376             63            125
         DISTILLATE OIL
            AREA SOURCES              5             54             65              3              9
         NATURAL GAS
            AREA SOURCES              2              0            338            132             46
            POINT SOURCES             7              0            123              2             12
         TOTAL (INDUSTRIAL)
            AREA SOURCES            914           1972           1412            165            120
            POINT SOURCES          1065           1304            499             65            137

      COMM-INSTITUTIONAL FUEL


         ANTHRACITE COAL
            AREA SOURCES              0              1              0              0              0
         LIGNITE
            POINT SOURCES          1088            373             93             16             31
         RESIDUAL OIL
            AREA SOURCES             29            410            103              2              9
            POINT SOURCES            17            231             73              1              6
         DISTILLATE OIL
            AREA SOURCES              9            118             90              4             21
         NATURAL GAS
            AREA SOURCES             11              1            140             10             24
            POINT SOURCES             1              0             19              0              2
         TOTAL (COMM-INST)
            AREA SOURCES             49            530            333             16             54
            POINT SOURCES          1106            604            185             17             39
```

```
                                                                                          *** 010 ***
*** 010 ***
                POINT SOURCES          399         7          6         18         36
    OPEN BURNING
                POINT SOURCES            1         0          0          1          7
    TOTAL (COMM-INST)
                AREA SOURCES            82        25         38         49        113
                POINT SOURCES          400         7          6         19         43

  INDUSTRIAL

    ON SITE INCINERATION
                AREA SOURCES            13         2          2         11         18
                POINT SOURCES            1         0          0          0          0
    OPEN BURNING
                AREA SOURCES             5         0          0          5         25
    TOTAL (INDUSTRIAL)
                AREA SOURCES            18         2          2         16         43
                POINT SOURCES            1         0          0          0          0

  TOTAL (SOLID WASTE DISP)
                AREA SOURCES          1193        62        276       1832       5669
                POINT SOURCES          416         8          7         26         52

TRANSPORTATION (AREA)
*********************

  LAND VEHICLES

    GASOLINE

        LIGHT DUTY VEHICLES           8636       450      10872      13180     110093
        LIGHT DUTY TRUCKS             2187       161       3729       4280      31270
        HEAVY DUTY VEHICLES            406        43       1562       1664      22734
        OFF HIGHWAY                     56        30        551       1984      21294
        TOTAL (GASOLINE)             11285       684      16714      21108     185391

    DIESEL

        HEAVY DUTY VEHICLES            817       411       4105        482       1342
        OFF HIGHWAY                    342       284       3448        506       1020
        RAIL                            56       123        795        201        279
        TOTAL (DIESEL)                1215       818       8348       1189       2641

  AIRCRAFT

      MILITARY                         410        39        246        729       1312
      CIVIL                              0         0          1         26       1219
      COMMERCIAL                         6        13        119        133        297
      TOTAL (AIRCRAFT)                 416        52        366        888       2828

  VESSELS

      DIESEL FUEL                        5         7         55         16         20
      GASOLINE                           0        33        127       5128      16106
      TOTAL (VESSELS)                    5        40        182       5144      16126

  TOTAL (TRANSPORTATION)             12921      1594      25610      28329     206986

MISCELLANEOUS (AREA)
********************

    FOREST WILDFIRES                   244         1         56        344       2002
    AGRICULTURAL BURNING                 2         0          0          2         12
    STRUCTURAL FIRES                   172         0         21        130        704
    GASOLINE STA EVAP LOSS               0         0          0       2370          0
    SOLVENT EVAPORATION LOSS             0         0          0      15692          0
    UNPAVED ROADS                    33149         0          0          0          0
```

LIGHT DUTY TRUCKS	1299	97	2157	2364	17028
HEAVY DUTY VEHICLES	268	29	999	1016	13974
OFF HIGHWAY	27	13	266	959	10293
TOTAL (GASOLINE)	5953	366	8942	11345	98599
DIESEL					
HEAVY DUTY VEHICLES	478	239	2290	269	768
OFF HIGHWAY	213	179	2147	316	636
RAIL	182	413	2679	680	942
TOTAL (DIESEL)	873	831	7116	1265	2346
AIRCRAFT					
MILITARY	48	5	29	85	154
CIVIL	0	0	0	10	511
COMMERCIAL	2	4	35	39	87
TOTAL (AIRCRAFT)	50	9	64	134	752
VESSELS					
DIESEL FUEL	64	79	597	157	208
GASOLINE	0	2	10	431	1355
TOTAL (VESSELS)	64	81	607	588	1563
TOTAL (TRANSPORTATION)	6940	1287	16729	13332	103260
MISCELLANEOUS (AREA) ********************					
FOREST WILDFIRES	68	0	16	96	563
STRUCTURAL FIRES	86	0	10	63	345
GASOLINE STA EVAP LOSS	0	0	0	1420	0
SOLVENT EVAPORATION LOSS	0	0	0	8388	0
UNPAVED ROADS	61214	0	0	0	0
UNPAVED AIRSTRIPS	2	0	0	0	0
TOTAL (MISCELLANEOUS)	61370	0	26	9967	908
GRAND TOTAL ***********					
AREA SOURCES	69499	2014	24079	26600	110049
POINT SOURCES	21866	460245	79021	4160	145925
TOTAL	91365	462259	103100	30760	255974

```
A10...AQCR:130 METROPOLITAN FARGO-MOORH
B10...AQCR:130 METROPOLITAN FARGO-MOORH
C10...AQCR:130 METROPOLITAN FARGO-MOORH
D10...AQCR:151 NORTHEAST PENNSYLVANIA-U
E10...AQCR:151 NORTHEAST PENNSYLVANIA-U
F10...AQCR:151 NORTHEAST PENNSYLVANIA-U
G10...AQCR:151 NORTHEAST PENNSYLVANIA-U
H10...AQCR:151 NORTHEAST PENNSYLVANIA-U
I10...AQCR:153 EL PASO-LAS CRUCES-ALAMO
J10...AQCR:153 EL PASO-LAS CRUCES-ALAMO
K10...AQCR:153 EL PASO-LAS CRUCES-ALAMO
L10...AQCR:153 EL PASO-LAS CRUCES-ALAMO
M10...AQCR:159 CHAMPLAIN VALLEY
N10...AQCR:159 CHAMPLAIN VALLEY
O10...AQCR:159 CHAMPLAIN VALLEY
A11...AQCR:159 CHAMPLAIN VALLEY
B11...AQCR:159 CHAMPLAIN VALLEY
C11...AQCR:167 METROPOLITAN CHARLOTTE
D11...AQCR:167 METROPOLITAN CHARLOTTE
E11...AQCR:167 METROPOLITAN CHARLOTTE
F11...AQCR:167 METROPOLITAN CHARLOTTE
G11...AQCR:167 METROPOLITAN CHARLOTTE
H11...AQCR:178 NORTHWEST PENNSYLVANIA-Y
I11...AQCR:178 NORTHWEST PENNSYLVANIA-Y
J11...AQCR:178 NORTHWEST PENNSYLVANIA-Y
K11...AQCR:178 NORTHWEST PENNSYLVANIA-Y
L11...AQCR:178 NORTHWEST PENNSYLVANIA-Y
M11...AQCR:179 PARKERSBURG-MARIETTA
N11...AQCR:179 PARKERSBURG-MARIETTA
O11...AQCR:179 PARKERSBURG-MARIETTA
A12...AQCR:179 PARKERSBURG-MARIETTA
B12...AQCR:181 STEUBENVILLE-WEIRTON-WHE
C12...AQCR:181 STEUBENVILLE-WEIRTON-WHE
D12...AQCR:181 STEUBENVILLE-WEIRTON-WHE
E12...AQCR:181 STEUBENVILLE-WEIRTON-WHE
F12...AQCR:193 PORTLAND
G12...AQCR:193 PORTLAND
H12...AQCR:193 PORTLAND
I12...AQCR:193 PORTLAND
J12...AQCR:193 PORTLAND
K12...AQCR:207 EASTERN TENNESSEE-SOUTHW
L12...AQCR:207 EASTERN TENNESSEE-SOUTHW
M12...AQCR:207 EASTERN TENNESSEE-SOUTHW
N12...AQCR:207 EASTERN TENNESSEE-SOUTHW
O12...AQCR:207 EASTERN TENNESSEE-SOUTHW
```

```
FICHE/SEGMT    8    8 CKPT:    1, 5228,  984,    2,  126
```